

THE REPORT

OF THE

PRESIDENT

OF

QUEEN'S COLLEGE, BELFAST,

FOR

THE YEAR 1902-1903.

Presented to both Houses of Parliament by Command of His Majesty.



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TO THE KING'S MOST EXCELLENT MAJESTY.

MAY IT PLEASE YOUR MAJESTY,

In accordance with the provisions of the Statutes of this College, I have the honour to present to Your Majesty my annual Report on the condition and progress of the College during the academic year 1902-3.

The Session began on the day fixed by our Statutes, viz., the third Tuesday of October, and was an extremely busy and eventful one. To one or two of its outstanding features I may here refer.

In the first place it was to us all a matter of extreme satisfaction to find a very notable increase in the entrances in the

FACULTY OF ARTS.

The number of students commencing here was almost exactly double that of the previous Session.

Not only did the numbers thus entering in this most important Faculty show the marked increase which I have mentioned, but, if we may judge from the competition for the Scholarships of the year, as I think we are entitled to do, the quality and attainments of the freshmen were, as a rule, of a high order. For the First Year Scholarships in Arts no fewer than twenty-one candidates presented themselves, and so excellent was the answering, alike on the classical and mathematical sides, that, after awarding all the Scholarships at our disposal, the Council decided to grant prizes to the three gentlemen who most closely approached the successful candidates. For the Emily, Lady Pakenham Scholarship, which is likewise a first year endowment, there was the large number of thirteen candidates. These facts give, I think, some indication of the calibre of our entrants in Arts last Session, and they show, also, how our Scholarships continue to be appreciated, and what a useful purpose they serve in our economy. They suggest, too, that an increase in their number might well be tolerated.

As usual, pupils from the leading high schools of Ulster competed for our Entrance Scholarships. The successful candidates on this occasion were supplied by the following schools:—The Methodist College, the Royal Academical Institution, the Campbell College, Victoria College, Foyle College, the Royal School, Dungannon, Newry Intermediate School, and the Ballymena Academy. The Methodist College had the honour of supplying the winners of the coveted first places both on the classical and mathematical sides, as it also had last year.

An interesting and suggestive feature of our Scholarship List in recent years has been the number of

YOUNG LADIES

who have succeeded in gaining places upon it. This Session the success of members of the gentler sex has been conspicuous. For the first time in our history a young lady gained one of the Senior Scholarships (the pecuniary value of each of which is forty pounds), viz., the Scholarship in Ancient Classics, along with which she was also awarded by the Council the Blayney Exhibition, the value of which is thirty pounds. The winner of the first place among the literary Scholars of the first year was also a young lady; the Emily, Lady Pakenham, Scholarship, already referred to, was gained by a young lady, and all down the entire Scholarship List the sex makes its presence felt. A similar comment is suggested by a perusal of the List of Class Prizes awarded at the close of the Session. First prizes were here won by young ladies in the following subjects:—Greek, Latin, French, German, English, and Experimental Physics, together with other prizes of a lower rank. It is, surely, a notable advance on the practice of former days, and an advantage of no common kind to women, that, instead of being sternly debarred entrance into the privileges of college life, as until recently they were, they are now cordially welcomed within our walls, allowed to share on equal terms in our Studentships, Scholarships, and Prizes, and to participate generally in the culture of modern university life. The change is, in my opinion, altogether for the good of the sex which has in its hands so much of the shaping of the destinies of the race, and, therefore, for the good of society at large. The number of ladies who attended Queen's College last Session was 43, being the largest which we have yet had upon our books in any Session. The figures have been steadily growing year by year for some time past.

Before leaving this subject, it may be appropriate that I should refer to the opinions expressed upon it by the Royal Commission on University Education in Ireland, which has recently concluded its labours. This Commission had among its members some of the highest educational authorities of our time, whose views must have much weight with thinking people. They report that there is, in Ireland, "a growing

demand on the part of women for higher education of a university type," (*Final Report*, p. 47), and give it as their unanimous opinion that women should not be sent for their education to colleges attended by women only, but that "women and men students should attend lectures and pass examinations in the same colleges, and obtain degrees on the same conditions." (*Final Report*, p. 49.) In the wisdom of this pronouncement our experience in Queen's College leads me entirely and strongly to concur.

Returning to the general history of the College during the past Session, I have pleasure in reporting, that not only were the lectures usual in former years well attended, but that some

FRESH ADVANCES

of an important character were made. The weekly *Colloquium* in the department of Natural Philosophy, in which professors, advanced students, and ardent physicists from outside, discuss together the problems of Physical Science on which they are working, was continued. Professor Dixon delivered a special course of afternoon lectures, open to the outside world, on some important developments of modern Mathematics. Professor Boas gave a weekly morning lecture on the poetry of Wordsworth, and a course of evening discourses on Thomas Carlyle, and Professor Milroy an evening course on "The Daily Wear and Tear of the Tissues of the Body." So much have we been encouraged by the success of these efforts, that we propose not only continuing but developing them in further directions during the approaching Session. Professor Boas will again hold his weekly public morning class, and he also proposes delivering a course of about ten evening lectures on "The Historical Plays of Shakspeare." Professor Gregg Wilson intends giving a series of about twelve evening lectures on Marine Zoology, with special reference to the habits and distribution of local marine animals; and Professor Morton announces a course of about ten evening lectures on "Sound with special reference to Music." By means of these prelections we hope to render the teaching of the College available to a wider circle than can be reached by our ordinary class lectures.

I am glad to mention another course of a different kind, which, at the request of the Department of Agriculture and Technical Instruction, was given in the College during the year to a body of

TEACHERS OF SECONDARY SCHOOLS,

numbering seventy. The course was one in Experimental Science, and was conducted by Professors Letts and Morton. We were glad in this way not merely to meet the wishes and facilitate the work of a Department whose efforts to improve the condition of Ireland are of such vast importance, but to assist in a branch of education of singular interest and value. On no

point was the Royal Commission on University Education in Ireland more emphatic than with regard to the teaching of teachers. They say, unfortunately with too much truth, that "the training of teachers for primary and secondary schools under the liberalising influences of a university has hitherto been lost sight of in Ireland," and they declare that it "is of special importance if the condition of the schools is to be improved." They tell us of the provision which is made in the sister countries. "In Wales there is a Training College for primary teachers in connection with each University College, and teachers are encouraged to attend lectures and to take degrees. In Scotland a large proportion of the teachers are graduates. In England provision for the training of teachers has recently been made in Day Training Colleges in connection with the universities. But in Ireland there is no provision in connection with the universities for the training of primary teachers, and no provision at all for the training of teachers for secondary schools." Well may they add—"The loss to education thereby incurred it is difficult to gauge." I, for one, am persuaded that Irish education, primary and secondary, will never be what it should be until steps are taken to make the practice in Ireland in this matter analogous to that which prevails in the sister countries of the United Kingdom.

I cannot conclude this part of my Report without referring, in terms of high commendation, to the

DISCIPLINE

and demeanour of the students. It is not enough to say that these were altogether praiseworthy. The behaviour of the students was all that could be desired, and we of the governing body were much gratified by the growing *esprit-de-corps* which prevails among them, by their love for their College, their pride in it, and their evident anxiety to maintain its great traditions and high reputation and prove themselves not altogether unworthy successors of the men who, in days gone by, have shed lustre upon its name.

To give here a list of the honours and successes of various kinds which were gained by our students during the year at the examinations of the Royal University and elsewhere, would be a pleasant task, but I should thereby swell the dimensions of this Report to an altogether undue extent. The list will be found fully set out in the Appendix, and will be found to be of the usual satisfactory and honourable character.

Several important

CHANGES

in the *personnel* of the College occurred during the year. Two new professors entered upon office at the beginning of the Session, viz., Dr. Gregg Wilson, who has succeeded Dr. R. O. Cunningham in the Chair of Natural History, and Dr. T. H. Milroy, who takes the place of Dr. W. H. Thompson in the Dunville Chair of Physiology.

In both the new professors the College has already found that it has obtained a valuable accession to its strength. In December Dr. A. L. Meissner, who had long been a familiar figure within our precincts, retired after a service of thirty-seven years, carrying with him the best wishes of his colleagues. To carry on the work of the department of Modern Languages till the close of the Session the services of Mr. J. G. Anderson, M.A. (Lond.), were obtained, and proved entirely satisfactory. Two additional Lectureships were instituted by the authority of the Lord Lieutenant during the year. One of these, a Lectureship in Vaccination, had for some time been felt, for various reasons, to be desirable, and in Dr. John McLiesh, one of the Visiting Physicians of the Belfast Union Hospital, and an old student of our own, we believe we have obtained an excellent Lecturer. Additional importance is given to his office by the fact that he has been recognised as an authorised teacher of Vaccination by the English Local Government Board, and that certificates of attendance on his lectures will be accepted by all the universities and licensing bodies in the United Kingdom.

The establishment of another Lectureship, in

MUSIC,

was rendered possible and advisable by the splendid gift of the "Mitchell Organ," with which the family of the late Mr. William Charles Mitchell, J.P., presented us in April last. We entertain no doubt that by means of this Lectureship not only shall we now be equipped with the necessary provision for giving instruction to those who are desirous of proceeding to degrees in Music, but that a distinct impulse will be given to the study and culture in Belfast of this divine art. Dr. Lawrence Walker, who holds the Arts degree of the University of Dublin and the Doctorship in Music of the University of Cambridge, and who has been for some time well known in Belfast, not only as an able teacher of Music, but as an ardent worker in its service, has been appointed Lecturer, and, in addition to arrangements for the necessary classes for those proceeding to degrees, two further important steps have been taken in the direction of furthering the study. By means of a subscription given for the purpose to the "Better Equipment Fund" of the College a Library of Music is being established, which will contain the works of the great composers and other writers on music. Already this library has been the recipient of valuable gifts of musical works from Dr. Hugh Hyndman, Mrs. George Wheeler, Mr. Alexander Morrison, and others. We hope it will receive more of these; and it is expected that it will not only be of great service to students of the subject, but that it will grow in time to still larger dimensions through the benefactions of friends. In the same connection, a society has also been founded in the College for the cultivation and advancement of Music, with Dr. Lawrence Walker as honorary Director,

and under its auspices it is intended that there shall be given, next Session, lectures by distinguished authorities on musical subjects, recitals of chamber music, and historical organ, violin, and pianoforte recitals. Membership is to be open to all persons interested in music, and already such a large number have enrolled their names that its success is more than assured. The Marquess of Londonderry (Chairman of our Visitors) has kindly consented to be its Patron, the Earl of Shaftesbury its President, and Professor Morton, Treasurer. With such a beginning and such office-bearers, and with the advantage of the use of our Examination Hall and the "Mitchell Organ" for its concerts, the Society has the prospect of a brilliant and useful future.

Several other important appointments were made during the year. Mr. J. A. Milroy, M.A., M.D., was elected Demonstrator in Physiology, and has proved himself a most valuable assistant in that department. Mr. George Cecil Gough, F.G.S., was appointed Demonstrator in Geology, and has done excellent work in re-arranging and cataloguing our geological and palæontological collections. Mr. Thomas Thornton, A.B.C.S., was obtained as Demonstrator in Botany by the aid of our "Better Equipment Fund," and his services were found most valuable in laying the foundations of a Botanical Museum. Altogether, these additions to our staff added materially to its strength.

NEW MARINE LABORATORY.

Nor can I omit to mention here another very useful and promising new departure which took place during the year, the establishment of an Association for the investigation of the fauna and flora of the seas along the northern coast of Ireland, and of our fresh-water loughs, under the direction of our new Professor of Natural History, Dr. Gregg Wilson. In this enterprise the College is united with two local bodies which have done excellent work, viz., the Belfast Natural History and Philosophical Society, and the Belfast Naturalists' Field Club. It is proposed from the first to carry on work both in the sea and in Lough Neagh. The marine work will include a study of the distribution of local species of plants and animals; an inquiry into the habits and life-histories of some of our food-fishes and of the organisms on which they live; and observations on the chemical and physical characters of the sea-water. The work at the fresh-water loughs will likewise embrace—the determination of species; migration, &c.; the study of life-histories of fishes and organisms forming the food of fishes; and physical and chemical observations. Already the Society has started on a most vigorous career. A Marine Laboratory has been established close to the sea at Larne Harbour; a trained naturalist, Mr. Joseph Pearson, B.Sc., has been placed in charge, under whom a number of ardent volunteers are already busily engaged, each at his own branch; a steam launch has been purchased, and

daily tow-nettings and observations of all kinds are carried on and recorded. We have been fortunate in securing as President Mr. Hugh H. Smiley, J.P., Drumalis, Larne, who has shown a delightful interest in the work, and has given it most generous help. Professor Gregg Wilson, D.Sc., has undertaken the duties of honorary Director, and has rendered service which is quite beyond value; while in Mr. Robert Patterson, F.Z.S., the Society has a most enthusiastic and capable honorary Secretary. The Earl of Shaftesbury, who has accepted the office of Patron, presided at the inaugural meeting of the Society in March last, and I sincerely hope that a very useful career lies before "The Ulster Fisheries and Biology Association," as the new organisation is styled. The Department of Agriculture and Technical Instruction has given it its cordial recognition and a considerable annual grant. In more ways than one the establishment of this Society is noteworthy and significant.

Much time and attention were expended during the Session on considering, in conjunction with representatives of the Corporation of Belfast and the Chamber of Commerce, the best method of providing Belfast with a scheme of

HIGHER TECHNICAL EDUCATION

similar to that afforded by the Royal College of Science, Dublin. Early in the winter a joint Committee of twelve was formed, consisting of—(a) four representatives of the Technical Instruction Committee of the Corporation, (b) four representatives of the Chamber of Commerce, and (c) four representatives of the College. The Right Hon. Thomas Sinclair was its chairman, and after frequent sittings it finally suggested a Scheme for carrying out the desired purpose by the co-operation of Queen's College and the new Municipal Technical Institute. I have placed a copy of this Scheme in the Appendix to this Report. It is not intended that it should be taken as being necessarily the Scheme which in every particular should be finally adopted. The Committee is not unalterably wedded to every article of its recommendations; on the contrary, so far as we of the College are concerned, we are prepared to accept any alterations of its provisions which may be seen to be desirable, and I think the same may be said of the Chamber of Commerce. All that the Scheme was meant to do was to show that the purpose in view could best be served by co-operation between the College and the Institute, and to point out a mechanism by means of which this purpose could successfully be carried into effect.

By this Scheme the independence both of the Institute and of the College is intended to be effectually safeguarded, with due regard to the respective functions and objects of each, while the great evils of unhealthy competition, of the overlapping of courses, of the expensive and unnecessary duplication of staff and equipments would be avoided; while, in our opinion, the great work of promoting higher technical education in our city would be carried out, by the proposed combination of

the two powerful agencies mentioned, better in every way than in any other that could be devised. Nothing, of course, under this or any Scheme should be allowed to divert the Technical Institute from its primary purpose of providing technical, as distinguished from university, education, just as nothing must be permitted to turn the College aside from its special work in the domain of higher education. The artisan population of Belfast has an indefeasible claim upon the services and the funds of the Institute, and with the discharge of this claim nothing should be allowed to interfere. But it is obviously quite as much the interest of the working classes of the city, as of others, that full provision should be made, not merely for ordinary technical instruction, but for carrying that instruction to the highest point that has been attained elsewhere. Indeed, it is more necessary to the working man than to others that this higher type of technical education should be available at his own door. The wealthier classes can afford to send their sons elsewhere to obtain it, but if the son of the artisan cannot find it in his own town, he must, in most cases, be content to go without it. I know that this aspect of the case was very strongly present to the minds of the representatives of the College on the Committee of which I speak, and it ought, in their opinion, to have much weight with every one who is anxious for the due advance of our city.

It is much to be desired, in the interests of Belfast, that effective steps should ere long be taken in this matter. There is no reason why, with such a splendid Technical Institute as is rapidly rising among us, and with the valuable aid which the College can supply, there should not soon be provided for our city a system of higher technical education equal to anything of the kind to be found in any similar place. When this is done, a long step will have been taken towards perpetuating and developing that industrial and manufacturing eminence which has made Belfast famous among the cities of the world.

It is known that the Royal Commission, which published its final Report a short time ago, was directed to inquire, not only into higher, but into technical, education, and it may be well to quote here a few paragraphs giving the views of the Commissioners as to the

PROPER METHOD OF DEALING WITH BELFAST

in this matter of which I now speak. On this question they say—

"We are of opinion that the technical side of Queen's College, Belfast, might and should be developed into a strong school of applied science, which in co-operation with the Municipal Technical School there should do for Belfast and the North what it is hoped the reorganised Royal College will do for Dublin and the rest of Ireland. Evidence has been given of a strong desire in Belfast that the highest technical education should be obtainable there, and it is felt that this may be done if the Queen's College is strengthened, and if an effective scheme of co-ordination is arranged between it and the Municipal Technical School. We are in

sympathy with this view. The President of Queen's College, the Chairman of the Technical Instruction Committee of the County Borough of Belfast, and the Principal of the Municipal Technical Institute, as well as other witnesses, expressed themselves in favour of such co-ordination, and steps are now being taken in this direction by the Belfast Chamber of Commerce and the corporate body of the College. The details of such a scheme should be settled on the spot, and by the authorities concerned in their working. It has been suggested that a Board of Co-ordination be formed to arrange the division of work between the College and the Institute, and to prescribe the conditions to be fulfilled by students seeking technical diplomas. Such a Board should include members of the teaching body of each institution, along with persons nominated by the Corporation, the Chamber of Commerce, and the Crown.

"A large part of the higher technical work will fall to be carried out by the College, and for this purpose the technical side of the College must be considerably strengthened. Its engineering department requires expansion, not only by the addition of laboratory work, but by the provision of lectures in electro-technics, and in mechanical engineering, with special reference to shipbuilding and marine-engine construction. Lecturers in these subjects should be provided as well as a number of demonstrators and instructors in mechanical drawing, and engineering laboratory work. The chemical department requires further laboratory accommodation and assistance in lectures and demonstrations. Either in the College or the Institute instruction should be given in the chemistry of dyeing. The physical department also requires one or more additional demonstrators and laboratory assistants. A lectureship in Architecture might be established with advantage. Scholarships for research should be instituted. To meet these needs it ought not to be necessary, and indeed would be unreasonable, to look only to the Treasury. The citizens of Belfast are not less likely under the altered conditions of their College to take a practical interest in it than the citizens of Manchester, Liverpool, Birmingham, or Leeds take in the Colleges which have sprung up in their towns. Substantial gifts have already been made to the College, and more may be confidently looked for when it is realised that their purpose and effect will be to provide in Belfast facilities for technical education of the highest type, and of the kind most closely related to local industries.

"To establish two really strong schools of applied science, one in Dublin and one in Belfast, is probably as much as should for the present be aimed at, and we believe that the interests of the higher technical education will be best served by concentrating effort on these two schools." (*Final Report of University Commission*, page 54).

The remarkable letter in which, on the 27th June last,

LORD ROSEBERY

communicated to the Chairman of the London County Council certain munificent proposals which he has been authorised to make for "crowning the work of technical education in London by adequate opportunities for the most advanced teaching and research," is but one of many indications of the view which is being entertained with increasing force by thinking men, that if this United Kingdom of ours is to retain the place which she has gained among the manufacturing and industrial communities of the world, she must follow the example of other nations which have not hesitated to expend large sums of money, and to devise and carry out

extensive schemes, not so much for "technical education of the ordinary type, as in more advanced instruction in scientific technology and facilities for original research." As Lord Rosebery truly points out—"In other countries special attention has long been paid to the highest technical training of those who will become, if not the captains of industry, the skilled lieutenants and confidential assistants in every branch of commerce or manufacture." The great College of Applied Science at Charlottenburg, alongside the University of Berlin, is justly cited as an illustration of this. Erected at an outlay of over £500,000, and costing £55,000 per annum, there issue from it every year some 1,200 young men, "equipped with the most perfect training that science can give, as experts in chemical technology, electrical engineering, metallurgy, and shipbuilding," and we are truly told that "the great industrial combinations of the German Empire owe their remarkable success in no small degree to the quite exceptional wealth of scientific knowledge and training which is thus placed at their disposal." It is, therefore, now proposed to erect a similar institution in London, at an initial expense of £500,000, including the value of the site, the education to be made as accessible as possible to every one by means of low fees and scholarships, and the whole establishment, while in close co-operation with the Royal College of Science and the Central Technical College, to be organised as a distinct "School" of the University of London under the management of its own Committee. There is surely a lesson for Belfast in all this. Lord Rosebery, and those who co-operate with him, are endeavouring to do for London on the large scale what those who are working on our local scheme are trying to do for Belfast on the smaller, and the position and government proposed for the London institution, in close connection with the technical schools on the one side and with the university on the other, are on the same lines as have been suggested here. It will be a mistake if, while London and Dublin and other places, with due understanding of the times, are equipping themselves at great cost for the commercial contests of the future, the interests of Belfast, the most important industrial centre in Ireland, are allowed to go by default.

THE UNIVERSITY COMMISSION.

I have in the course of this Report referred on several occasions to the labours and recommendations of the Royal Commission on University Education in Ireland. The Report which this distinguished body issued during last Session had been anxiously looked forward to. To discuss it in detail, or pronounce any opinion upon it, does not fall within my province here. But I conceive it to be but right that I should embody in this, my first Report issued since the Commissioners concluded their labours, their verdict on this College and the

services which it has rendered to the country. The views of such a body of men deserve a very respectful and attentive hearing. They say :—

"The evidence taken at Belfast is of special interest. In addition to the President and a large number of the Professors of the Queen's College, who furnished us with full statements as to the needs and possibilities of that institution, we examined witnesses representing the views of all the more important classes in the North of Ireland. The Committee on Higher Education of the General Assembly of the Presbyterian Church was officially represented before us. We also heard the evidence of representatives of the Chamber of Commerce, of the Technical Education Committee of the Borough, of the Royal University Graduates' Association, and of the larger Colleges for Women in Ulster. The Principals of some secondary schools and other educational institutions in Belfast were also examined, as well as some Roman Catholic witnesses, who appeared before us in a representative capacity. Moreover, several prominent citizens of Belfast gave us valuable evidence."—(*Final Report*, page 2).

Again they observe :—

"In speaking of Belfast, we desire to express our

HIGH ESTIMATE

of the value and importance of its Queen's College. It has unquestionably done admirable work, and is capable of large development.

"We observe with great satisfaction that the community of Belfast, with growing wealth and intelligence, is manifesting an increased interest in higher education. While this disposition has in the meantime shown most overt activity in regard to those branches of education which relate to commerce and manufacture, there are signs of friendliness to and interest in culture generally. We think that Queen's College, Belfast, would receive more help and support from the community which she primarily serves, and that her influence would be correspondingly increased, if the College were less dependent in matters of administration on the Crown; and if means were devised for giving some of the leading men in Belfast some share in the administration of the College. There are in Belfast men possessing these important qualifications for such work—that they are accustomed to deal with large affairs, and would act with a single eye to the interests of the College."—(*Final Report*, page 42).

In the latter opinion I entirely coincide. As a matter of fact I urged this view of the case upon the Commission in my evidence, as may be seen from the Report thereof.

The Commissioners make the following

RECOMMENDATIONS.

"In dealing with Queen's College, Belfast, we are concerned with an institution which has been admittedly successful even under rather adverse conditions, and which has elicited no small amount of local support. These circumstances, and the fact that under a favourable constitution the College gives promise of considerable development and expansion, entitle it in a special manner to generous treatment as regards endowment and equipment. The measure of its present resources, as well as the extent to which it has hitherto been aided by the State, is declared by the President to be far from adequate, and in his evidence, and in that of the Professors, the material wants of the College have been fully

described. We recommend that a liberal addition be made to the general endowment of the College. We think that the allocation of the increased endowment should, as far as possible, be left to the new governing body, who will be in the best position to determine the manner in which the needs of the various departments should be dealt with. The exact amount of the increased endowment is a matter upon which we are not prepared to make a recommendation, but we think it useful to draw attention to some of the more serious deficiencies under which the College labours at present.

"(1) The sum available for the

GENERAL PURPOSES

of the College is an annual Parliamentary Grant of £1,600. We think that this sum should be largely increased, and should be allocated under such general heads as—(a) Library and Museums; (b) Departmental maintenance; (c) Research Fund; (d) Fund for general purposes (lighting, heating, upkeep of grounds, &c.). The present arrangement, by which the addition of a new department to the College involves a decrease in the amount available for the maintenance of existing departments, cannot be regarded as satisfactory. Moreover, we do not consider that a grant which must be voted annually by Parliament is the best method of providing funds for a University College, of which the endowment should, as far as possible, be on a fixed and stable basis.

"(2)

THE TEACHING STAFF

of the College is not large enough, with the result that, in some cases, two or more subjects, each of which is of sufficient importance to be entrusted to a separate Professor, have to be united under one Chair. Thus in the Faculty of Arts, English History and Literature are dealt with by one Professor, and there is but one Chair in the department of Modern Languages. In the Faculty of Medicine the subjects of Zoology, Botany, and Geology are entrusted to the Professor who occupies the Chair of Natural History; and further instances of the union of Chairs are mentioned in the evidence of the President of the College. We recommend that there should be separate Chairs in English Literature, in History, in Zoology, in Botany, in Geology, and that an additional Chair should be added to the department of Modern Languages. The present Chair of Jurisprudence and Political Economy should be replaced by two Chairs, and the subject of Political Economy should be made the chief department in the proposed new Faculty of Commerce. One of the most urgent needs of the College as regards its teaching staff is adequate provision for lecturers, assistants, and demonstrators. Each Professor should have at least one assistant or demonstrator, and in some departments, where practical classes are given, two demonstrators are required. We think that the salaries of the College staff should be readjusted on a liberal scale, as it is obvious that if a University College is to hold a position of first rank her Chairs, lectureships, and other offices must be adequately endowed. The present arrangements by which Deans of Residences in the Queen's Colleges receive no salaries cannot be commended; the status of this office should be improved, and suitable remuneration should be attached to the position.

"(3). The existing

BUILDINGS

of the College require several additions. In the first place the number of ordinary lecture-rooms is inadequate, but perhaps the most urgent need is for increased laboratory accommodation. At present the building devoted to the departments of Chemistry, Physiology, and Pathology is in an unfinished state, and it should be completed. A new building is required for the departments of Biology and Geology. A laboratory for Physics and

Engineering is being provided by the generosity of a private benefactor, and the premises which are at present utilised for these subjects might be adapted to the needs of the new Faculty of Commerce. The absence of Halls of Residence in connection with the College is a serious drawback. The present arrangement of licensed boarding houses cannot be regarded as a satisfactory substitute for a residential system whereby students would be afforded the full advantages of collegiate life. We therefore think that provision should be made for Halls of Residence under the immediate supervision and control of the College authorities.

"(4) The improvements as regards teaching staff and equipment recommended in the foregoing paragraphs, will do much to provide for the requirements of research and post-graduate work; but we think that the importance of such work entitles it to additional assistance by means of

FELLOWSHIPS AND STUDENTSHIPS

of such value as would induce distinguished students to pursue post-graduate studies in the College or elsewhere. With regard to the existing undergraduate Scholarships and prizes, we have evidence from the President that they are not equal in value to those obtainable at other seats of learning; and he has urged that the value of the Scholarships should be increased so that the College should not be at a disadvantage in this respect as compared with other institutions. We think that this is a matter which should be taken into account when fixing the endowment for the reorganised College."—(*Final Report*, p. 44).

It is a matter of much satisfaction to us that after the searching inquiry into our affairs which the Commissioners made, they were able unanimously to arrive at a finding so laudatory, and to make the recommendations which I have quoted. I sincerely hope that the latter will not long be allowed to remain a dead letter.

On another point the Royal Commissioners were no less emphatic. I have frequently been obliged to refer with deep regret to the evils which were inflicted on higher education in Ireland by the unfortunate university legislation of twenty years ago; evils from which it has suffered severely, and must continue to suffer until what Parliament did in 1879 is undone by the same authority. On those evils the Commissioners do not hesitate to speak very plainly and with entire unanimity. Speaking of

THE ROYAL UNIVERSITY,

they say :—

"Full acknowledgement must be made of the

SERVICES

done by this University in diffusing knowledge among a large number of persons who might otherwise have stood aloof from all learning, and, in particular, of the stimulus it has given to the education of women. Nor has any effort been spared to maintain a high standard of examination, more especially, perhaps, for the professional Degrees. But while those who have administered the system have done their utmost to make it work well and smoothly, the system itself suffers from incurable defects. Every witness who has touched on the question is conscious of their gravity.

"Of these

DEFECTS,

some are inherent in a University whose sole function it is to conduct examinations. Degrees are conferred without any evidence of

academic training, except in the Faculty of Medicine which is subject to the regulations of the General Medical Council. The sole test of merit lies in the examination results. A false conception of learning is thus held up before the eyes of the student. The teacher on his part is expected to keep a close watch on the ways of the outside Examiner; if he fails to do so, he may seem to imperil the success of his pupils or of his institution. Day by day his teaching is subjected to the tacit criterion—Is it of direct examination value? No more paralysing and disheartening influence on an able and enthusiastic teacher can be imagined than to see that the more thorough his method, the more connected a view he seeks to present of his subject, the more likely is his lecture-room to be deserted, and his teaching branded as excellent but useless. Yet in teaching Pass-men for the Degree of a purely examining University he must be prepared for such a fate. Now the Pass-man is precisely the student who most needs to be lifted out of the examination groove; and University teaching for a Pass Degree ought to be raised well above the Pass level. One who is a master of his subject knows how to treat even the rudiments in the spirit of a broad culture. Facts seemingly disconnected are brought into relation with principles; light is thrown back from the more advanced results of study upon the earlier stages. A skilful teacher, by his very digressions, will suggest new ideas, and stir a quickened interest. He will open up fresh horizons of thought without losing sight of his central subject. He summons to his aid other branches of learning by way of illustration or contrast. His object is not to impart the modicum of knowledge that is needed for

THE NEXT EXAMINATION,

but to train the student in the true method of study and to guide the reading. Students under the stress of an impending examination may not unnaturally think that they are encumbered with learning which will not pay; but in later years, when experience has altered their perspective of things, they feel grateful to those who have enlarged their vision. Moreover there are many subjects—and literature is such in a pre-eminent degree—which are best fitted to discipline and emancipate the mind, and yet least fitted to be brought to the test of mere examination, where an acquaintance with manuals, a repetition of ready-made critical judgments, and, in general, the exercise of memory, have a value out of all proportion to their real worth.

"But it is in the higher branches of study that the freedom of the teacher becomes of cardinal importance; and here the vicious effects are most apparent of a system which, divorcing teaching from examination, makes the examination of an outside body the final test of excellence. Freedom is in truth the life of the higher learning. Any Collegiate or University organisation which, instead of eliciting the aptitudes and original powers of the teacher, prescribes rigid programmes, or in other ways tends to impair his spontaneous initiative, to cramp and formalise his teaching, stands fatally condemned. In Science, more clearly perhaps than in any other department of study, the inadequacy of the examination test has been established. The modern conception of scientific teaching requires that much of the time hitherto spent over books shall be spent in the laboratory. Science is in a special sense a living and growing body of truth, and almost every teacher of distinction is an investigator within his own domain. The best of his students are trained to follow his researches. In the laboratory not only are old experiments repeated, but new problems are solved as they arise. Learning becomes vitalised by contact with such problems. The record of the advanced student's work in the laboratory is probably the true record of his progress in Science, and of his capacity as an independent observer. Compared with the results of this sustained discipline, carried on over weeks or months, any single examination is a poor and inadequate test. Its natural effect is to exalt the text-book over practical work, and teaching

in Science directed towards success in examination is apt to become an epitome of facts rather than a training in the processes by which truth is discovered.

A UNIVERSITY IS NOT A WAREHOUSE

for receiving an assortment of goods and testing whether they are up to sample. It has a double function. One is the discovery of new truths. The other, and primary function, is to supply trained intelligence which shall stimulate and guide the mind of the student along various lines of intellectual inquiry. A University helps to form a mental habit and attitude; it seeks to impart philosophic breadth and grasp; it lays down the principles of learning and unifies knowledge. To test results is an accident, an inseparable accident perhaps, but not of the essence of a University. Were we called upon to decide between University instruction without examination and examination without University instruction, we should not hesitate in our choice. In Ireland the sense of Collegiate life, outside Trinity College, Dublin, needs to be restored. Rigid programmes of study laid down by outside authority tend to the intellectual isolation of teachers. A Professor feels that his College is not a College of the University, but one of many rival institutions bound together by a cast-iron framework of examinations. If the Colleges are still to subsist in any relation to a common University, they must take their place as organic parts of the University. The interchange of ideas between teachers of different departments, and even of different Colleges, will, we may hope, then be quickened, and the feeling revived that the members of a University form a Corporation of Learning. To the students the decay of the old academic principle has been an incalculable loss. Private study and private "coaching" lack the very elements which confer on University Education its ideal value—the personal intercourse between teacher and pupil outside the class-room, the comradeship and *esprit de corps* of collegiate life; the generous rivalries of the Field or the Debating Society; the contact of minds and the play of intellect; in a word, all that full and varied existence which remains a cherished possession in after days. If there is any country in which it appears unnatural to discourage this particular factor of University life, it is in Ireland, where social and human influences enter so largely into the best qualities of the race."—(*Final Report*, p. 22).

These are weighty pronouncements—so weighty that I have thought it right to reproduce them here. Would that they were carefully pondered throughout the North of Ireland and all over the country! The mischief wrought through confounding education with mere examination has been often referred to, but cannot be too often or too strongly insisted upon in these times.

TRIENNIAL VISITATION OF THE COLLEGE.

On the 30th May last a Triennial Visitation of the College was held. The Visitors who attended were the Marquess of Londonderry, who presided; the Master of the Rolls in Ireland (Sir Andrew Marshall Porter, Bart.); the Right Hon. Thomas Sinclair; the President of the Royal College of Physicians in Ireland (Dr. A. B. Macan, Dublin); Judge Shaw; and the President of the Association of Non-subscribing Presbyterians in Ireland (Mr. Thomas Andrews, D.L.). In answer to a series of questions put by the noble Chairman, full and detailed information was given regarding all our affairs. This having been done, the Visitors were pleased to express

their entire satisfaction with the condition and work of the College. Lord Londonderry, who truly said that he had been identified with it in one way or another for many years, voiced the opinions of the members when he said that he had listened "with sincere satisfaction and real pleasure to the highly satisfactory answers given to the various questions." The Master of the Rolls, who recalled the fact that almost half a century ago he entered the College as a student, said he regarded the report which the Visitors had received as "the most important, most interesting, and most hopeful report he had ever heard in reference to the College." The Right Hon. Thomas Sinclair gave it as his opinion that "the establishment of this College was the greatest boon ever bestowed by a friendly Government upon the province of Ulster," and expressed his delight with the splendid work which, in his opinion, it is doing. The President of the Royal College of Physicians, the President of the Association of Non-subscribing Presbyterians, and Judge Shaw, also gave expression to their gratification with the condition of the College. It was a great pleasure to us to receive so large and so distinguished a representation of the Visitors, and to learn that their investigation of our affairs warranted them in coming to a finding so satisfactory in every way.

RELIGIOUS INSTRUCTION IN THE COLLEGE.

As usual, all the religious denominations which prevail in the North of Ireland were represented among our students during the Session, and the excellent provisions made in the College Statutes for their supervision and their instruction in the tenets of their respective Churches were faithfully carried out by the several Deans of Residences who have been appointed for that purpose by Warrant under the Royal Sign Manual, viz. (I give the names in the order of seniority of appointment), the Rev. S. Edward Busby, M.A., LL.D., the Rev. Matthew Leitch, D.D., D.LIT., the Rev. Wm. Nicholas, D.D., and the Rev. Douglas Walmsley, B.A. At the commencement of the Session, each Dean was furnished by the Registrar, according to the usual custom, with a list of the names and addresses of the students belonging to his Church, and I now append the reports which I have received from the Deans as to the manner in which their responsible duties were discharged.

"St. Andrew's Rectory,

"University-square,

"Belfast, June 4, 1903.

"DEAR MR. PRESIDENT,—Your request, through the Registrar's letter of June 4, that I should state my opinion of the deportment of the students of Queen's College, Belfast (Church of Ireland), has my best attention.

"In reply I am happy to state that I have unqualified commendation of those students' conduct during the Session. This opinion I have fully expressed at our late Triennial Visitation, when the Marquis of Londonderry, as Chairman of the Visitors, was pleased to acknowledge the statement as most gratifying to him and his colleagues. The Session

was commenced in November with a meeting of the members of the Christian Union and other students in the Union Building. Many of the lady students were also present, and the conversazione was also participated in by many of the Professors. The Deans had then the opportunity of intercourse with the students in a friendly and familiar manner; and the influence of the meeting made itself happily felt through the Session. As time goes on, the happy effect of the 'Students' Union' is more and more visible.

"I remain, dear Mr. President,

"Your very faithful Servant,

"S. EDW. BUSBY, Clk., M.A., LL.D., T.C.D.,

"Dean (C. of L.) Queen's Col., Belfast."

"College Park, Belfast,

"8th June, 1903.

"DEAR PRESIDENT,—I am glad to be able to report most favourably of the students belonging to the Presbyterian Church in Ireland. As far as my knowledge goes, their conduct and character during the Session have been exceedingly good.

"Yours faithfully.

"To the President,

"MATTHEW LEITCH.

"Queen's College, Belfast."

"Methodist College, Belfast,"

"5th June, 1903.

"DEAR PRESIDENT HAMILTON,—So far as I am aware, the students under my care have conducted themselves during the past year in a highly satisfactory manner.

"I am,

"Faithfully yours,

"WM. NICHOLAS, D.D.,

"Methodist Dean of Residence."

"Rev. Dr. Hamilton,

"President, Queen's College."

"Adelaide Park, Belfast,

"June 5th, 1903.

"DEAR SIR,—I have pleasure in reporting to you that the students on my list have given all possible satisfaction during the Session.

"Yours faithfully,

"DOUGLAS WALMSLEY."

"To the President of

"Queen's College, Belfast."

I am glad to be able to say that the education given within our walls is in so real a sense united education. All creeds are, as I have said, represented among the students, and not only has no charge, so far as I know, of tampering with the religious tenets of any man ever been preferred, but there has never been even a suspicion of such a thing. I do not believe that in all Christendom there is a College more free from the taint of sectarianism, or one in which the atmosphere, the prevailing spirit, and ruling considerations are more entirely and uniformly academic. It was founded, as its Charter declares, for the benefit of "all classes and denominations,

without any distinction of religious creed whatsoever," and it has consistently and rigidly adhered to this basis throughout its entire history, as I hope it always will.

THE COLLEGE LIBRARY.

A great deal of attention was bestowed on our Library during the year. It is an institution in which the interests of the various departments of the College meet, and from which, as from a well-stored arsenal, all, no matter to what Faculty they belong, draw, as it were, their necessary supplies and munitions of war. Hence all the professors regard the prosperity of the Library with continuous solicitude. I have already reported that Dr. Meissner, who had presided over its destinies for many years, retired in the course of the Session. At the request of the Library Committee, Professor Boas kindly undertook to act as honorary interim Librarian during the interregnum. He has now been appointed to the full office by Royal Warrant, and I anticipate much advantage to the Library from his election. At present a careful revision of the books by Mr. Rapple, the sub-librarian, is in progress—no small task in a Library containing upon its shelves over 60,000 volumes. A special Committee has also spent much time and labour in devising the wisest and most useful method of allocating the funds. During the year there were added to the Library 584 volumes, 129 parts, and 89 pamphlets, or 752 publications in all, most of them by purchase, but many by presentation. Notwithstanding these additions, the requirements of the Library are so large, and are so bound up with the progress of the College and the scientific advance of our time, that the Council, with the sanction of the Lord Lieutenant, placed at the disposal of the Committee during the Session a special grant of £200 for the purchase of additional books, £50 of this to be devoted to the department of Natural History. As I have already mentioned, a Library of Music is also being formed by means of a subscription given for the purpose through our "Better Equipment Fund," and of other kind gifts. For this library shelf-room is being provided. Altogether over £800 is being expended upon the Library this year. But it ought to enjoy a much more liberal expenditure. It is not only of essential value to the College, but it is one of the most important libraries in Ireland, and is in daily use, not only by professors and students, but by such members of the outside community as have occasion to consult it. All such inquirers are made heartily welcome to it on easy conditions.

A list of the presentations made to the Library during the year, including those given to the new Library of Music, will be found in the Appendix.

THE MUSEUMS AND LABORATORIES.

The several Museums have been carefully maintained during the year. In the Natural History Museum much excellent

work has been done in cataloguing and re-arranging the collections, under the supervision of the new Curator, Dr. Gregg Wilson. The Medical Museum continues to receive additions to its treasures through the thoughtfulness of various members of the medical profession. It has now an exceedingly large and well-arranged collection of specimens illustrative of normal and pathological anatomy. A type collection of fractures, in which it is particularly rich, and a series of specimens of diseases of the skeleton, have been mounted in cases on the ground floor by the Curator, Dr. Symington; while the large gallery contains the moist specimens, both normal and pathological. The Materia Medica Museum contains a good collection of specimens, which have been arranged and named in accordance with the new British Pharmacopeia. The Museum of Sanitary Science continues to receive the anxious and kindly attention of its founder and Curator, Dr. Henry O'Neill, and is supplied with a large collection of instruments, models, and specimens for the illustration and teaching of hygiene.

The Chemical, Physical, Anatomical, Physiological, Pathological, and Pharmaceutical Laboratories were busily employed during the year, and valuable work was incessantly prosecuted in them all.

THE MITCHELL ORGAN.

Already, in another part of this Report, I have referred incidentally to the splendid gift which the College received during the Session from the family of the late Mr. W. C. Mitchell, J.P., of this city, in the magnificent "Mitchell Organ." It was inaugurated on the 16th April in the presence of a very large and representative assemblage. Mr. R. A. Mitchell, LL.B., formally handed it over to our custody in a touching letter, and his respected mother unveiled the inscription which stands prominently upon one of its panels:—*"In Memoriam William Charles Mitchell. Born 1834; Died 1894. Presented by his family, 1903."* A strikingly beautiful ode, composed for the occasion by Professor Boas, was then read by that gentleman, and a selection of music was afterwards performed upon the organ by Mr. Alfred Hollins, of Edinburgh. The instrument consists of three manuals and pedal organ, the third manual serving as solo and choir organs. The entire work is constructed on the most recent tubular pneumatic system, the draw-stops and composition action being also pneumatic. The wind is supplied by an electric motor. I have placed a detailed description of the organ, together with a complete report of the proceedings at its inauguration, in the Appendix; and I must again express, on behalf of the College, our deep obligations to Mrs. Mitchell and her family for their noble gift, which will worthily perpetuate the name and memory of a highly respected citizen of Belfast, and at the same time will minister powerfully to the study and culture of the art of music, so long as the College stands.

PLAYING FIELD FOR THE STUDENTS.

I have on several occasions referred in my annual Reports to the want of a Playing Field for the students, and to the efforts, heretofore ineffectual, which have been made to secure for them this very desirable, and indeed necessary, adjunct of college life. During the last ten or a dozen years our College grounds have gradually become more and more occupied with the new buildings which we have erected, and there is consequently very little space now left available for recreation. But ground in the vicinity of Belfast is so much required for building that hitherto we have been unable to find, or to procure, a suitable piece for this purpose. I have now, however, the pleasure of reporting that the difficult problem has at length been solved in a satisfactory manner. We have now obtained for our purpose a Playing Field which, in the opinion of experts in such matters, is one of the finest in Belfast. It is already made and enclosed, and is situated within easy reach of the College. This desirable and long-wished-for consummation has been reached, like many of our other recent advances, with the aid of the "Better Equipment Fund," and especial mention must be made of the exertions of the Lord Mayor of Belfast (the Right Hon. Sir Daniel Dixon, D.L.), who not only interested himself actively in the quest for ground, but has materially furthered the project with generous financial help. The students have also given very valuable aid. We expect that the new field will be available for the use of the football and other athletic clubs at the beginning of the coming Session.

THE "BETTER EQUIPMENT FUND."

Having several times had occasion to mention this great Fund, of which it may truly be said that it opened a new chapter in our history, and which we have in recent years found to be such a valuable auxiliary to our work, it may be well that I should, in a sentence or two, summarise here the results which have been achieved by its means up to the present time. The subscriptions were payable in instalments extending over five years, and during the two years, which have elapsed since the inception of the Fund, over £10,000 have been thus paid, and the following additions to our equipment have been secured:—

- (1.) A Chair of Pathology.
- (2.) A great Organ for the Examination Hall.
- (3.) A Lectureship in Music.
- (4.) A Library of Music.
- (5.) A Playing Field for the students.
- (6.) A plan for the establishment of a Faculty of Commerce, with several munificent donations.
- (7.) An Assistant for the department of Botany.
- (8.) In addition to these, a Laboratory of Physics and Engineering, which, we expect, will be one of the greatest of all the fruits of the Fund, has been arranged for, and will in due time be erected.

With results such as these already secured, and with the Fund still going on, with what future boons in store for us we cannot tell, is it any wonder that we are devoutly thankful that it was established at the time it was? We hope it will continue to receive many benefactions, for our needs are very far, indeed, from being yet all supplied. An Allocation Committee has been appointed, in accordance with the original scheme of the Fund, for the purpose of dealing with moneys which have not been ear-marked for special purposes by their donors. This Committee consists of the following gentlemen, along with myself :—Mr. James Taylor Blackwood, J.P. ; Professor Boas, M.A. ; Professor Dill, Litt.D. ; Mr. T. C. Houston, LL.B. ; Mr. Hugh Hyndman, LL.D. ; Sir Otto Jaffe, J.P. ; Mr. R. Kyle Knox, LL.D., J.P. ; Professor Letts, D.Sc. ; Mr. John M'Connell, J.P. ; Professor Lorrain Smith, M.A., M.D. ; Professor Symington, M.D. ; and Sir William Whitla, M.A., M.D., J.P.

THE COLLEGE UNION.

I am happy to say that the College Union continues admirably to discharge the important functions for which it was established. Its Debating Hall, Dining Room, Recreation Rooms, and Reading Rooms have been in constant occupation during the year. The president of the Session was Mr. William Hawthorne, B.A., and, from the report of its working which has been submitted to me, I learn with pleasure that there was an increase of fifty-eight in the membership as compared with the previous year.

The other College Societies and Clubs appear to have had busy and interesting Sessions. The oldest of them, the Literary and Scientific Society (which has completed its fifty-fourth Session), began the winter with a brilliant and memorable meeting, at which, after an excellent opening address from the president (Mr. William Hawthorne, B.A.), Judge Shaw read a delightful and most inspiring paper, entitled "Some Reflections of an old Student," and addresses were delivered by such other old students as Mr. Serjeant Dodd, the Right Hon. Thomas Sinclair, Chief Justice Wilkinson, Mr. R. J. McMordie and myself. At the close of the Society's Session the Dufferin Medal was awarded by vote of the members to Mr. T. McG. Johnstone, he having, in their judgment, proved himself the best speaker at the meetings of the year. The Medical Students' Association had also a profitable Session under the presidency of Mr. John Elder MacIlwaine, B.Sc., M.B.

"The Association of Old Belfast-men in London," which serves so admirably as a meeting ground for the many Queen's College men whose lot is cast in the metropolis, continues also to flourish. The president this year is the Rev. George Hanson, D.D., the honorary secretaries being Messrs. W. A. Osborne, M.B., B.Sc., and R. A. Williams, Ph.D. The annual dinner was held on July 3rd, among the speakers being Lord Macnaghten, the Solicitor-General for Ireland (Mr. James H.

Campbell, K.C.), Mr. T. L. Corbett, M.P., Mr. W. Hoey, M.A., D.LIT., Professor Larmor, D.Sc. (Secretary of the Royal Society), Professor Everett, D.C.L., and the Rev. J. T. McGarr, D.D.

HONOURS BESTOWED ON MEMBERS OF THE COLLEGE.

Honours of various kinds were bestowed during the year on several members of our body, and the announcement of them was received among us with keen satisfaction. Professor Johnson Symington was elected a Fellow of the Royal Society; and President of the Anthropological Section of the British Association. Professor Joseph Larmor was appointed Lucasian Professor in the University of Cambridge; Chief Justice Wilkinson received the honour of knighthood; Professor Lindsay was elected a Fellow of the Royal College of Physicians, London; Dr. Benjamin Moore was appointed Professor of Chemical Physiology in University College, Liverpool; Professor Gregg Wilson was appointed an Examiner in Natural History in the Royal University, and Professor Milroy an Examiner in Physiology both in that University and the University of Dublin; Professor Lorrain Smith an Examiner in Pathology in the University of Dublin, and Professor Ross an Examiner in English Literature in the University of Edinburgh. Dr. R. A. Williams was appointed Lecturer on German in University College, London, and Reader in German in the University of London; Mr. J. Corry Arnold, President of the Cambridge Union; Mr. W. A. Russell, Assistant Director of Education in Orange River Colony; Dr. David Semple, Director of the Pasteur Institute, Kasauli, India; Mr. James Monteath, M.A., a Knight Commander of the Star of India; Colonel Haslett Browne, M.D., Inspector-General of Civil Hospitals in the Presidency of Bengal; and Dr. R. W. S. Lyons, Superintendent of the Lunatic Asylum, Dharwar, Presidency of Bombay, received the Kaiser-i-Hind Medal.

In November last we were honoured with a much-appreciated visit from the Lord Lieutenant of Ireland (His Excellency the Earl of Dudley). The interest in the College and its welfare which His Excellency expressed was to us a matter of much satisfaction.

In September it afforded us great pleasure to give accommodation in the College to the British Association for the Advancement of Science, on the occasion of its annual meeting under the presidency of Professor James Dewar, F.R.S. One of our number, Professor Fitzgerald, was one of the local honorary secretaries of the meeting, and twenty-four of the papers read were by Queen's College men.

In June we were glad to give accommodation to the annual meeting of another important body—the Institution of Naval Architects, which met under the presidency of the Earl of Glasgow.

In December a portrait in oils of the late Professor Samuel James MacMullan, painted for the College by Mr. H. M.

Paget, of London, was unveiled by Mr. Serjeant Dodd, who delivered an address on the occasion which will not soon be forgotten. The portrait is at once a noble work of art and a speaking likeness of one of the most beloved of our number, over whose premature removal it will be long before we shall cease to mourn.

CONCLUSION.

I have thus sketched the course of the history of the College during the year that is fled. It is a history chequered with light and shade, as all stories of mundane effort must ever be. But, on the whole, I venture to think, it affords clear indications of the existence of a healthy condition in our academic body politic, of the presence among us of lofty ideals aimed at by strenuous endeavours, of earnest work diligently prosecuted, and of no small measure of success happily attained. I have not burdened the pages of the Report with a catalogue of our needs, numerous and pressing though they are. On these I have descanted so frequently in previous years that to enumerate them again would only be to tell once more an oft-told tale. Besides, in my evidence given before the Royal Commission on University Education, and which has now been published *in extenso*, I have gone into them with a fulness and particularity which would be here impossible, and have at the same time suggested how they may be most effectually remedied. Let me only say here, in drawing to a close this too lengthened narrative, that in this great city of Belfast and this busy, enterprising North of Ireland, it is clear that there must be maintained in a vigorous condition a University College of the highest type, such as this College has proved itself to be by many infallible signs, and it is equally clear that such a College should be equipped in a manner fitting it adequately to do the work which is required by the manifold demands of present-day education, by the ceaseless onward march of science, and by the increasing needs, the phenomenal growth, and the marvellous industrial and manufacturing enterprise of this Belfast of ours, which clearly mark it out as destined to be one of the greatest cities of the twentieth century, and call upon us, who are interested in its future, to see that its material greatness is seasoned with the salt of sound learning and intellectual culture.

I have placed the usual statistical and other Tables in the Appendix, together with a List of the contributors up to date to our new "Better Equipment Scheme," and beg to subscribe myself

Your Majesty's

Most dutiful servant,

THOMAS HAMILTON,

PRESIDENT.

July, 1903.

APPENDIX.

I.

VISITORS OF THE COLLEGE.

- The Most Honourable the Marquess of Londonderry, K.G.
 The Right Honourable the Earl of Shaftesbury.
 The Right Honourable Sir A. M. Porter, Bart., Master of the Rolls in Ireland
 His Honour Judge Shaw, K.C.
 The Right Rev. Bishop Welland, D.D.
 The Right Honourable Thomas Sinclair, J.P., D.L.
 The Right Honourable the Chief Secretary for Ireland, for the time being.
 The Moderator of the General Assembly of the Presbyterian Church in Ireland, for the time being.
 The President of the Royal College of Physicians, Ireland, for the time being.
 The President of the Royal College of Surgeons, Ireland, for the time being.
 The President of the Association of Non-Subscribing Presbyterians of Ireland, for the time being.

II.

PRESIDENT, PROFESSORS, &c., AND DEANS OF RESIDENCES

President.—THE REV. THOMAS HAMILTON, M.A., D.D., LL.D.

Professors.

- | | |
|--|---|
| The Greek Language, | SAMUEL DILL, M.A., LITT.D., LL.D. |
| The Latin Language, | THOMAS WILSON DOUGAN, M.A., F.R.U.I. |
| Mathematics, | ALFRED CARDEW DIXON, M.A., SC.D., F.R.U.I. |
| Natural Philosophy, | WILLIAM BLAIR MORTON, M.A., F.R.S.I. |
| History and English Literature, | FREDERICK S. BOAS, M.A., F.R.U.I. |
| Logic and Metaphysics, | JOHN PARK, M.A., D.LIT., F.R.U.I. |
| Chemistry, | EDMUND ALBERT LETTS, PH.D., D.SC., F.R.S.E., F.C.S., F.R.U.I. |
| Natural History, | GREGG WILSON, M.A., PH.D., D.SC., M.B.I.A. |
| Modern Languages, | *ALBERT LUDWIG MEISSNER, PH.D. |
| Jurisprudence & Political Economy, | WILLIAM GRAHAM, M.A. |
| English Law, | JAMES SINCLAIR BAXTER, LL.B. |
| Anatomy, | JOHNSON SYMINGTON, M.D., F.R.S., F.R.S.E., F.R.U.I. |
| Dunville Chair of Physiology, | THOMAS H. MILROY, M.D., D.SC., F.R.S.E. |
| Medicine, | JAMES ALEXANDER LINDSAY, M.A., M.D., F.R.C.P. (London). |
| Surgery, | THOMAS SINCLAIR, M.D., M.CH., F.R.C.S., Eng. |
| Materia Medica, | SIR WILLIAM WHITEA, M.A., M.D. |
| Midwifery, | JOHN WILLIAM BYERS, M.A., M.D., M.C.S. M.A.O. |
| Musgrave Chair of Pathology | JAMES LORRAIN SMITH, M.A., M.D. |

* Retired 18th December, 1902.

Civil Engineering, . . . MAURICE FREDERICK FITZGERALD, B.A.,
ASSOC. M.I.C.E.

Lecturers.

Medical Jurisprudence, . . . { JAMES LORRAIN SMITH, M.A., M.D.
JOHN TENNANT, M.A., M.B.
Ophthalmology and Otology, . . WILLIAM ALEXANDER M'KEOWEN, M.D.
Sanitary Science, . . . { EDMUND ALBERT LETTS, PH.D., D.SC.,
F.R.S.E., F.C.S., F.R.U.I.
HENRY WHITAKER, M.D.

Demonstrator.

Practical Pharmacy, . . . VICTOR GEORGE L. FIELDEN, M.B.

Office Bearers.

Registrar, . . . JOHNSON SYMINGTON, M.D.
Bursar, . . . WILLIAM WYLIE.
Librarian, . . . *ALBERT LUDWIG MEISSNER, PH.D.

Curator of Natural History Museum.—PROFESSOR GREGG WILSON, D.SC.

Curator of Medical Museum.—PROFESSOR SYMINGTON, M.D., F.R.S.

Curator of Sanitary Science Museum.—HENRY O'NEILL, M.D., M.CH.

Deans of Residences.

		Appointed
Church of Ireland, . . .	REV. S. EDWARD BUSBY, M.A., LL.D.,	1872
Presbyterian Church in Ireland,	REV. MATTHEW LEITCH, D.D., D.LIT.,	1892
Wesleyan Methodists, . .	REV. WILLIAM NICHOLAS, D.D.,	1895
Association of Irish Non-Sub- scribing Presbyterians,	REV. DOUGLAS WALMSLEY, B.A.,	1895

* Retired 15th December, 1902.

III.

MEMORANDUM on the means for providing Higher Technical and Commercial Education in Belfast, issued by a Joint Committee composed of representatives of the Belfast Chamber of Commerce, Queen's College, Belfast, and the Library and Technical Instruction Committee of the Belfast Corporation, 1903.

1. In order to carry out the spirit of the recommendations made by the Belfast Chamber of Commerce, the Queen's College, Belfast, and by a joint meeting of the Flax Spinners' Association, Power Loom Manufacturers' Association, and Linen Merchants' Association, supported by the evidence of important witnesses before the Royal Commission on University Education in Ireland regarding the higher departments of instruction in Commerce, Engineering, and Manufactures, in Belfast and the North of Ireland generally, full courses of instruction and adequate facilities for research should be provided at Belfast in three faculties, namely;—

A Faculty of Commerce,

A Faculty of Engineering,

A Faculty of Manufactures.

in each of which a diploma should be issued, the holder of the first to be styled "Associate in Commerce, Belfast," (e.g. A.C.B.), and of either of the others "Associate in Science, Belfast," (e.g. A.S.B.)

2. The most advantageous and economical way of providing for the Faculties named would appear to be to correlate and develop the resources of Queen's College, Belfast (hereinafter called the College), and the Municipal Technical Institute (hereinafter called the Institute), so as to maintain through them, a connected system of facilities for research, for lectures and laboratory work, and for holding examinations in the Faculties named. This can be done by so increasing the existing endowments of the College, and augmenting the provision which has been made for the equipment and staff of the Institute as to enable the former to fulfil its obligations to higher scientific, and the latter to higher technical education.

3. In the absence of some such system for ensuring continuous co-operation of the two Institutions, the evils of interference, overlapping of classes, and unnecessary duplication of staff and plant are inevitable. The College and Institute are independent bodies, having no common authority over them, or direct official connexion with one another, hence it is not possible to secure that the benefits above named shall be obtained, and the disadvantages avoided, by adjustments carried out by these bodies, acting without reference to each other. The courses, syllabuses, and provisions made in the one can never, liable as they are to unforeseen changes, be compelled always to fit in with and exactly supplement those in the other by applying any statutory system of disabilities.

4. The desired end could evidently be most effectually attained by placing the power of regulating the arrangements in the hands of a common Board, especially when the number of public bodies interested in the development of the system is considered.

5. This common Board shall act as a Board of Co-ordination for the College and Technical Institute, and [subject, in the case of the Institute, to the authority of the Corporation of Belfast,] direct:

- (a) The courses given in higher Technical classes at the Institute, and in the complementary Technological and Commercial subjects in the College.
- (b) The facilities given for Technological investigation and research in both establishments.
- (c) The specification of the courses to be pursued and the examinations to be passed, by students seeking Diplomas (as mentioned in par. 1), having regard also to the needs of candidates for University Degrees.

6. In granting Diplomas the Board should be bound by the recommendations (see documents) of the Chamber of Commerce and of the College, relating to attendance on classes approved by the Board, made in their official statements to the Royal Commission on University Education.

7. The Board shall consist mainly of members of the teaching staffs of the College and the Institute.

As it is proposed that these staffs shall be hereafter different from what they are now, and there is at present no effective complete staff in the Faculties named, it is suggested that the Board shall, in the first instance, consist of

The President and three Professors of the College.

The Chairman of the Library and Technical Instruction Committee and two other Members of the Committee, together with the Principal of the Institute.

Two persons appointed by the Chamber of Commerce.

Two persons appointed (if it see fit) by the Crown.

The number of members of the Board may be increased later by putting on additional members of the teaching staffs of the College and Institute, till the whole number of the Board reaches a maximum of fourteen.

8. The Board shall have no concern with the evening or preparatory work of the Institute, or with any classes occupied on work outside the Faculties named; but the Board may in special circumstances, with the approval of the College, prescribe or permit certain evening classes to be counted as qualified in the courses for diplomas in the Faculties named.

9. The fees in respect of attendance on classes in the Faculties named shall be paid for or by all persons, whether Scholars or others, attending them, and be fixed on a scale corresponding to that now in force in the College, but no entrance fee, or general College fee, shall be chargeable to any student following a prescribed course in any of the Faculties named, in the College, who has already paid a similar fee, or a composition fee, to the Institute, and such students shall be entitled to all the privileges of the College Students, and *vice versa*.

10. In order to supply facilities for research work, and for the study of certain branches in the Faculties named, there should be provided at and by the College, subject to the provisions of paragraphs 4 to 9 above inclusive, the following improved laboratory accommodation and enlarged staff:—

- (a) A well-equipped modern Physics and Engineering laboratory, to be known by the name of its donor as the Pirrie Laboratory.

(b) Special rooms and appliances for research in pure and applied Science, in the Pirrie Laboratory and elsewhere.

(c) Rooms for the Faculty of Commerce.

(d) Museums and other rooms in the Natural History Department.

(e) Complete Chemical and Bacteriological Departments.

(f) In addition to the existing staff—

A Lecturer and a Demonstrator in the Physical Laboratory.

A Skilled Physical Laboratory Mechanic.

An Assistant Professor in Mechanical and Electrical Engineering.

An Engineering Laboratory Demonstrator.

A Lecturer in Architecture.

other subordinates.

Instructors in Drawing, Testing and Engineering Laboratory Work, and two Lecturers and other assistants in the Chemical Laboratory.

A Lecturer on Technical Mycology in the Bacteriological department.

Professors of Geology and Botany, and two assistants in the Natural History Department.

A Professor of Economics and Commercial Law, a Lecturer on Commercial History and Geography and two assistants to the Professor of Modern Languages in the Commercial Department, where provision is also made for a commercial Museum.

11. In order to provide for instructing College students in matters which would involve overlapping of classes, or unnecessary duplication at the College of apparatus already existing at the Institute, and having special regard to facilities in the way of plant, power, and space afforded in the Institute, as, for example, in the Textile Department in the Faculty of Manufactures, and further in order to share in the benefits of these, and for the purpose of avoiding the needless waste of a sum estimated at about £3,000 a year that would be incurred if a duplicate set of plant, &c., were provided at the College, additional moneys should be granted by Government to meet the further expense that would be incurred by the Institute in supplying such instruction.

12. For the purpose of carrying out the provisions of par. 11, the Corporation shall appoint three Lecturers, one of whom shall have for his department Applied Chemistry, another Mechanical Engineering, and the third Textile industries; and in the appointment of all three special regard shall be had to their qualifications, in view of the work connected with the Faculties named being carried on in the Institute.

13. In order to encourage meritorious students in Technological subjects, there shall be established a number of Scholarships, tenable for three years, open to Students of both the College and Technical Institute, under such regulations as shall be made by the Board. The number of these Scholarships shall not exceed twelve, of the value of £60 per annum each, inclusive of fees, and the number to be given in any one year shall be fixed by the Board, provided always that one Scholarship at least shall, each year, be allotted for competition among students pursuing courses for a University degree or diploma in Technological Subjects.

In addition, Scholarships tenable in Belfast should be provided for Science Teachers.

14. All Examinations at which Prizes, Scholarships, or Diplomas controlled by the Board are awarded, shall be carried on by Boards of Examiners selected by the Board from among the members of the teaching staffs of the College and Institute jointly, assisted, as may be arranged between the Board and other bodies or persons (if any) concerned, by external examiners.

The Board shall award the results of any examination on the report of the Board of Examiners, except in the case of University examinations, when the results shall be awarded by the University concerned.

15. The College and the Corporation may respectively add one member of the Teaching Staff of the College or of the Institute to the Board, at any time, not less than six months after either of the two, the College and Corporation, has given notice to the other of its intention of increasing the number of its representatives on the Board, provided that the total number of the Board shall not exceed fourteen at any time. Seats on the Board allocated to members of the Teaching Staff shall, in general, when vacant, be filled by their successors in office in the College or Institute, as the case may be. Seats allocated to representatives of the Crown, the Corporation, and the Chamber of Commerce, shall, when vacant, be filled by persons appointed by these bodies respectively.

16. Regulations made at any meeting of the Board shall be laid before the next ensuing meetings of the College Council, and of the Library and Technical Instruction Committee of the Corporation, for approval.

IV.

INAUGURATION OF THE MITCHELL ORGAN, 16th APRIL, 1903.

(Reprinted from the Belfast "News Letter" and "Northern Whig" of 17th April, 1903.)

The inauguration of the beautiful Organ, which is the memorial gift of the family of the late Wm. Charles Mitchell, J.P., to the Queen's College, took place yesterday afternoon, when a recital was given on the instrument by Mr. Alfred Hollins, Edinburgh. The inauguration of the instrument was made the subject of a very pleasing and successful ceremonial, at which a large company of the representative citizens of Belfast assisted. The assemblage in the Great Hall of the College, where the organ has been erected, was large and fashionable, and the chair was occupied by the President of the Queen's College, Rev. Dr. Hamilton. The gift of the organ to the College was made on behalf of the donors by Mr. Robert A. Mitchell, LL.B., and the memorial plate on front of the instrument was unveiled by Mrs. W. C. Mitchell, to whom the President and Council, as a souvenir of the occasion, presented a golden key of very handsome workmanship. The organ, which is undoubtedly one of the finest instruments in Ireland, has been built by Mr. Wm. Andrews, City Organ Works, Bradford, and has been schemed and designed throughout for the donors by Mr. Gordon L. Salt, of Saltire, Yorks, acting in conjunction with Mr. Adolph Jacobs, of Rawdon Hall, near Leeds, who have had the entire construction under their direct supervision. The handsome case is the design of Messrs. Graeme-Watt & Tulloch, architects, of Belfast. The action throughout is the builder's latest tubular pneumatic system. The electric blowing is on the latest system provided by Messrs. Bergtheil & Young, of London and Manchester. The following is the specification:—

Great organ—Double open diapason, metal, 16 feet; large open diapason, metal, 8 feet; small open diapason, metal, 8 feet; corno dolce, metal, 8 feet; hohl flute, wood, 8 feet; principal, metal, 4 feet; suabe flute, wood, 4 feet; twelfth, metal, 2.2.3 feet; fifteenth, spotted metal, 2 feet; double trumpet, metal, 16 feet; trumpet, metal, 8 feet; clarion, metal, 4 feet.

Swell organ—Bourdon, wood, 16 feet; open diapason, metal, 8 feet; rohr flute, wood and metal, 8 feet; salicional, spotted metal, 8 feet; voix celestes, spotted metal, 8 feet; principal, metal, 4 feet; mixtures, four ranks, spotted metal; contra fagoto, metal, 16 feet; horn, metal, 8 feet; oboe, metal, 8 feet; tremulant.

Solo organ—Viol d'amour, metal, 8 feet; lieblich gedact, wood and metal, 8 feet; harmonic flute, tin, 8 feet; violoncello, spotted metal, 8 feet; flauto traverse, metal, 4 feet; quintadena, tin, 4 feet; cor anglais, metal, 8 feet; clarinet, metal, 8 feet; tuba, metal, 8 feet; tremulant.

Pedal organ—Harmonic bass, wood, 32 feet; open diapason, wood, 16 feet; open diapason, metal, 16 feet; violone, metal, 16 feet; bourdon, wood, 16 feet; octave, wood, 8 feet; flute (bass), metal and wood, 8 feet; trombone, metal and wood, 16 feet; tromba, metal, 8 feet; clarion, metal, 4 feet.

Couplers—Swell to great, swell to solo, solo to great, swell octave, swell to great octave, solo sub-octave, swell to pedal, great to pedal, solo to pedal, great pistons to pedal compositions.

Accessories—5 pneumatic pistons to swell organ, 5 pneumatic pistons to great organ, 2 pneumatic pistons to solo organ (adjustable), 1 pneumatic piston to solo organ (fixed), 1 pneumatic piston to solo to great (reversible), 1 pneumatic piston to great to pedal (reversible), 4 composition pedals to swell organ, 5 composition pedals to pedal organ.

At three o'clock the members of the College Body entered the hall in procession, in the following order:—The Junior Scholars, the Senior Scholars, the Demonstrators, the Lecturers, the Deans of Residences, the Professors, the Registrar, and the President. Along with the President were the members of the Mitchell family (the munificent donors of the organ), viz., Mrs. W. C. Mitchell (widow of the late Mr. W. C. Mitchell, J.P.), and Miss Mitchell, Mr. R. A. Mitchell, LL.B.; Captain Mitchell, Mr. W. C. Mitchell, and Mr. David Mitchell, J.P. (Polmont). The Professors present were—Professors Dill, Litt.D.; Dougan, M.A.; Dixon, D.Sc.; Morton, M.A.; Boas, M.A.; Park, D.Lit.; Letts, D.Sc.; Gregg Wilson, D.Sc.; Redfern, M.D.; Symington, M.D.; Milroy, M.D.; Sir Wm. Whitla, M.A., M.D.; Byers, M.A., M.D., M.A.O.; and Lorrain Smith, M.A., M.D. Professors Fitzgerald, Lindsay, Sinclair, Baxter, and Graham were unavoidably absent. The Lecturers present were—Messrs. John Tennant, M.A., M.D.; H. Whitaker, M.D.; J. McLeish, M.B.; and Lawrence Walker, D.Mus. The Demonstrators in attendance were—Messrs. R. F. Blake, F.I.C., W. Caldwell, B.A.; J. H. Totton, B.A.; Victor Fielden, M.B.; John Wylie, B.A.; T. B. Vinycomb, M.A.; John Armstrong, M.B.; J. A. Craig, M.B.; R. J. Johnstone, M.B.; Thomas Houston, M.D.; and R. A. L. Graham, M.B. The Scholars present included Miss Annie Shillington, Miss Dorothy Lynd, Messrs. Leslie Stevenson, James M'Kee, S. K. Adams, Wm. Edgar, O. W. Moore, W. J. Wilson, J. Seymour, R. M'Cullough, D. B. Elliott, S. J. Diamond, M. F. Caldwell, R. T. Beatty, T. Carnwath, J. A. E. Ball, James Stevenson, W. E. Montgomery, J. D. McCallum, M. F. Huston, R. Scandrett, G. S. Glass, S. J. McConnell, R. H. Leighton, S. J. M. Compton, A. J. W. Compton, Wm. Hawthorne, C. R. Harvey, G. H. Heaslett, and C. G. Knight. Miss Edith Miskelly, Miss Hilda P. Martin, Miss Mabel Venables, and Messrs. D. Gillespie, R. J. Spence, A. Patton, and J. S. Dickey were unavoidably absent. The Deans of Residences present were—Rev. S. E. Busby, LL.D., and Rev. Wm. Nicholas, D.D. Revs. Dr. Leitch and Douglas Walmsley were unavoidably absent.

Amongst others present were:—The Countess Annesley, Lord and Lady Clanmorris, the Lord Mayor (the Right Honourable Sir Daniel Dixon, D.L.), the High Sheriff of Belfast (Mr. Robert Anderson, J.P.), the High Sheriff of County Antrim (Mr. T. H. Torrens, J.P.), the High Sheriff of County Down (Mr. Edwin Hughes, J.P.), Chief Justice Wilkinson; the Moderator of the General Assembly (Rev. Professor Henry), the Lord Bishop of Down and Connor and Dromore, Sir William Q. Ewart, Bart.; Sir James

Musgrave, Bart., D.L.; Sir James H. Haslett, M.P.; Sir Otto Jaffé, J.P.; Sir R. Lloyd Patterson, D.L.; Mr. S. Young, M.P.; Revs. Professor Hamill, Canon Irvine, Dr. Lynd, Dr. Workman, H. Montgomery, W. A. Hill (Bangor), W. Park, D. A. Taylor, and A. J. Wilson; Professor Prout, Mus. Doc.; Dr. McKisack, Dr. Colville, Dr. MacIlwaine, Dr. Craig, Dr. MacCormac, Dr. Joseph Nelson, Dr. St. Clair Boyd, Dr. Gardner Robb, Dr. Leatham; Messrs. Robert Young, J.P.; R. M. Young, J.P.; Robert Dods, J.P.; John McConnell, J.P.; R. W. Corry, J.P.; A. M. Kirker, J.P.; A. D. Lemon, J.P.; William Bell, J.P.; Thomas Shaw, J.P.; R. H. H. Baird, J.P.; John Burke, J.P.; William Carmichael, J.P.; John Davidson, J.P.; James Jenkins, J.P.; F. Koeller, Mus. Doc.; W. G. Price, Mus. Doc.; S. R. Keightley, LL.D.; Robert Patterson, John Brown, F.R.S.; J. R. Fisher, D. G. Barkley, LL.D.; S. K. Kirker, R. Kyle Knox, LL.D.; H. Trevor Henderson, William Crawford, William Hawthorne, B.A.; H. McNeill Mc Cormick, W. J. Fennell, C.E.; James Dewar, F. C. Forth (Principal of the Municipal Technical Institute), W. Agnew, James Carr, J. H. Robb, Barrister-at-Law; C. J. Brennan, D. A. Black, H. Mackintosh, M.A.; D. R. Taylor, B.A.; W. S. Johnson, M.A.; James Cowan, M.A.; John Wales, R. F. Dill, M.A.; Hugo Chadfield (London), I. W. Nicholl, D. J. Mitchell, John McBride, Edward Bailey, James McConnell, Matthew Wylie LL.D.; Hartley Patterson, J. H. Stirling, Wm. Workman, F. W. Tulloch, James Thompson, John Wilson, Charles Vint, M.A.; James Crawford, A. Speers, B.Sc.; Ernest Taylor, W. H. McLaughlin, Wm. Lusk (Glasgow), A. H. Carr, T. H. Crowe, R. C. Howard, Francis Hunter, and A. Jacobs, jun. A very large number of ladies were also present. Apologies for non-attendance were received from the Duke of Abercorn, the Marquis of Londonderry, the Earl and Countess of Shaftesbury, Lord and Lady O'Neill, Lord and Lady Bangor, Sir James and Lady Henderson, the Right Honourable W. J. and Mrs. Pirrie, Sir R. Holmes, and many others.

The PRESIDENT (Rev. Dr. Hamilton) said it would almost seem as if the month of April, inconstant and sometimes chilling to others, had a special mission in recent times to befriend Queen's College. Indeed, that sixteenth day of April, on which so many of their kind friends met with them, would appear to be a day deserving always to be marked in their annals with a white stone. Let him tell them why he said so: On that day two years ago, the 16th April, 1901, a meeting took place which was in some respects the most remarkable ever held in connection with the College—the meeting which inaugurated the great "Scheme for its Better Equipment." That scheme was still in its infancy, but, although that was so, and although it had had to contend with difficulties of no common kind, he did not think it was too much to say that it had introduced a new era in their history, infused a new spirit into their life, and would, before its work was completed, not only increase their buildings, their Chairs, and other equipments by the value of many thousands of pounds, but would place the College altogether on a basis of strength and public utility such as it never occupied before.

Well, twelve months more passed away, April came again, Easter week was with us once more, and with it came another memorable meeting, held in the same hall as that to which he had just alluded—a meeting of the Royal Commission on Irish University Education. Now, he was not going to discuss the work or the recommendations of that Commission. He merely wished to point them to one thing—the singularly high encomium which the Commission pronounced upon that College, and upon their "Better Equipment Scheme," inaugurated in 1901. Indeed, it was a rather curious fact that, differing from each other as the members of the Commission did in many ways, they all, Protestant and Roman Catholic, cleric and layman, Englishman, Scot, Welshman, and Irishman, seemed to have found in that College one of their few points of agreement—to have found nothing but what they could praise—and that no Commissioner found it necessary to unsay in the Appendix what he had said on the subject in the Report.

Another year had now gone since the meeting of the Commission. The smiles and tears—frozen tears this year—of April were with them once again, and, true to their fate, without any pre-arrangement to that end, the 16th of April, the anniversary of the foundation of their Equipment Fund, which many of those present helped so generously, found them assembled in another meeting in connection with it, and might he not take to that the crowded and brilliant gathering, which he saw before him now, told them plainly that the tide of public interest in this great College, which had been so steadily rising of late years, was far from having begun to ebb? Two years ago he had the pleasure, among other most gratifying announcements, of intimating the gift of an Organ, to be presented to them by the family of a late most worthy and esteemed citizen of Belfast, Mr. William Charles Mitchell, J.P., and that day they were met to have that splendid gift handed over to them. He was sincerely glad that the Mitchell benefaction took that form, because he believed that that noble Organ would not only be of great service to Queen's College, but might help to promote very materially the cause of music in the city, and throughout the North of Ireland. He need not tell any one there that the study and cultivation of music had long been carried on in Belfast with much zeal and success. Many years ago it was here that the celebrated Edward Bunting lived and laboured, and it was here that he rendered many of his best services to Irish music. It was in Belfast, too, that the historic meeting of Irish harpers—a meeting which, alas! he feared could never be repeated—was held in 1792. Then, in later years, they had had music taught in Belfast by some most eminent men, and cultivated in a succession of excellent societies. He could well remember the old Anacreontic, the society which built the Music Hall. Then there were the Classical Harmonists, and to-day they had other most vigorous and active organisations of a similar kind. But, withal, it did not seem to him that music had ever yet been placed upon the pedestal which it ought to occupy in such a community as theirs. He need not remind them of the position which was accorded to it in the life and the educational arrangements of the ancient world. No reader of Plato, for example, could fail to note the high place which it had in his ideal of education. Then, when they came to the Middle Ages, the standard system of education comprised in their trivium and quadrivium, the former roughly corresponding, apparently, to the undergraduate course of these days, and the latter to a post-graduate, included music among the seven subjects of a complete curriculum. That ancient position given to it might possibly have been too lofty—this question he would not now argue—but, plainly, if they asked that music should not be left to mere unaided voluntary effort, but be made an object of university care and university culture, they were at all events in line with the immemorial practice of antiquity. He thought something of that kind ought to be done in Belfast. To do it as it should be done would, of course, require money and effort. But they in that College had been roused already by the gift of that Organ to think what they could do at once, and they had already taken certain steps, of which they might be interested to hear. By the authority of the Lord Lieutenant, there had been founded, at their request, a College Lectureship in Music—one step in the right direction—and he had the further pleasure that afternoon of announcing that they had appointed the first Lecturer—Dr. Lawrence Walker. Dr. Walker was a graduate in Arts of the University of Dublin, and a doctor of music of the University of Cambridge, and he thought no one in Belfast, where he had gained such a high reputation in musical circles, would doubt that in his hands the Lectureship was likely to be a real power for good. But he wondered if he was unduly sanguine in cherishing the hope that that Lectureship would ere long grow into something greater? Was it too much to imagine that, just as Sir James Musgrave and Mr. Dunville and Mr. Pirrie had each taken under his care an important branch of science, and created foundations which, as long as the College stood, would at once most honourably perpetuate their names and benefit their fellow-men, so there should arise among them someone who, in the same spirit, would prove himself the

friend of music by founding a fully-equipped Professorship thereof? From such an action he was persuaded the happiest results would follow. And there was another thing, much more easy of accomplishment, which he hoped might be done. Strange to say, Belfast possessed no proper Library of Music, and the want was acutely felt by those who devoted themselves to its study. Now, a comparatively modest sum would go a long way to remedy that defect. They of the College would be glad to give their help, and he was informed that, if that were done, results altogether out of proportion to the amount expended might be expected to follow.

Meantime, they had that splendid Organ, thanks to the munificence, and the conjugal and filial affection, of the Mitchell family. By and by it would speak for itself more eloquently and tunefully than he could, and he was content to let it sound its own praise. But a few words he must say of him in whose honour it had been built. Mr. W. C. Mitchell was one of those Scotsmen to whom Belfast owed much. Born in Glasgow on the 18th March, 1834, he came to Belfast forty years ago, and no long time passed before it came to be clearly seen that Belfast had gained in him not only a shrewd, honourable, and successful man of business, but a staunch and trusty friend, and an enlightened, generous, and public-spirited citizen. He could not mention all the marks of public appreciation and distinction which he received. He was made a magistrate for the borough. In 1882 he became a member of one of their most important and honourable public Boards—one which had contributed splendidly to the prosperity and advancement of Belfast—the Harbour Commissioners—and for twelve years he continued to take an active and useful part in its business. In the Chamber of Commerce his colleagues showed their appreciation of his character and services by raising him in 1891 to the highest office in their gift. In the charities of Belfast he also took a keen interest. He was a life governor of the Royal Hospital, and of the Ulster Hospital for Children and Women, a member of the Committee of the Samaritan Hospital, and he was one of the founders of the Charity Football Cup, which was the means of annually yielding a substantial contribution to the funds of our local charities. Nor could he pass over his services to education. The help which he gave to one society in particular, in which he (Dr. Hamilton) was personally interested, he recalled with gratitude—the Society for the Extension of University Teaching in Belfast. He was one of its founders, and his advice, his tongue, and his purse were always at its disposal. Then he found that Music, with which they were specially concerned that day, was often near his heart. He was one of those who stood in the forefront of the long fight for liberty to use the aid of musical instruments in the worship of the Irish Presbyterian Church, and he was founder of a fund raised in memory of the late Mr. Orde, the income of which had for years been devoted to the giving of school prizes for excellence in music. So William Charles Mitchell lived, and so he wrought for the good of his fellow-men in various ways until, on July 22nd, 1894, death claimed him, and their city was left with only the fragrant memory of all his generous and kindly activities. He had sketched his career all too rapidly, but he had said enough to enable them to see that in the public life of Belfast he was, indeed, no ordinary man. Of what he was in the privacy of the domestic circle as husband and father, the affectionate devotion of wife and children, which, years after his demise, reared that noble monument to his memory told a sufficient tale. On the face of that great Organ successive generations of students and citizens and tourists would, as long as the College stood, read his honoured name, and every time its tuneful voice was heard, whether in the storm of its majestic "thunder music," waking the echoes of that hall, or in the "soft Lydian airs" of which Milton sang—

"In notes with many a winding bout,
In linked sweetness long drawn out,"

would they not seem to hear, mingling with the swelling flood of its harmonies, like some gentle undertone in a soft minor key, the thought of

the tender and undying affection, which had erected to the memory of departed worth a monument at once so useful, so appropriate, and so splendid?

Mr. ROBERT A. MITCHELL, LL.B., in making the gift of the Organ to the College, read the following:—

“MARMONT, STRANDTOWN,
16th April, 1903.

MY DEAR PRESIDENT—

In fulfilment of my mother's letter of 22nd July, 1901, I now, on her behalf, and on behalf of my sister, my brothers, and myself, have the greatest pleasure in delivering to your care this Organ as a gift to Queen's College in memory of my late father, who spent over thirty years of his life in Belfast, and who took, as you are aware, such a great interest in education. By thus presenting an Organ to Queen's College his family hope to embody his love for education and music, and present it in a tangible shape to those who seek erudition within these now time-honoured walls. On behalf of the donors, I should like to give expression to our hope that this instrument, as an educational force, and as a necessary appendage to a magnificent educational centre like Queen's College, Belfast, may accumulate round it, as time goes on, the memory of many students of the divine art, equipped with musical learning and musical tastes acquired within the walls of this hall. I hope it may be considered a gift worthy of the memory of him whose name it will bear, and of the splendid building of which it now forms part. A gratifying result has already attended the installation of an Organ here, and Queen's College now possesses a Lectureship in Music. I hope the day is not far distant when the Lectureship may become a Professorship, and that the students educated here may be enabled to take the degree of Bachelor of Music and Doctor of Music. It gives me, President Hamilton, much pleasure to hereby formally hand over to your safe keeping this Organ, and in doing so allow me to thank you, on my own behalf and on behalf of my family, for the very great interest you have shown, and for the help you have extended to us in our negotiations with the Board of Works, and in other measures in which you have lent us your valuable aid. We desire also to thank Messrs. Adolph Jacobs and Gordon L. Salt for the trouble they have taken with the planning and specification, and Mr. Andrews for his successful carrying out of the same.—I remain, my dear President, yours most sincerely,

ROBERT A. MITCHELL

The PRESIDENT said he need not state that it was with the greatest pleasure that, on behalf of the College, he accepted that noble gift. He had said so much already with regard to him to whose memory it was dedicated that he should now add no more, but he felt that he should be wrong if he did not say publicly how much he and the whole College were indebted to Mr. Robert Mitchell for his services in the whole of that affair. On his shoulders the larger part of the burden—and it was no small burden—of the Organ rested. His two brothers were fighting the battles of the empire in South Africa, so he was left as the sole male representative of the family at home, and he never had ceased to admire the capacity and the deep interest which he displayed in managing what was at times a very difficult and delicate business. They accepted that Organ, and they should not only strive to maintain it in good and sufficient order, but to make it, as he had said, a means of fostering the study of music, not only in the College, but in the city of Belfast. The President then stated that a very touching part of the programme would now be performed. He had to ask Mrs. Mitchell to unveil the inscription in memory of her husband.

The unveiling of the inscription, which is a temporary one, and will shortly be replaced by a bronze tablet, was then performed by Mrs. Mitchell. The inscription is as follows:—“In memoriam William Charles Mitchell, 1834-1894. Presented by his family 1903.”

The PRESIDENT said it now fell to him to present to Mrs. Mitchell something of which she had not the smallest notion. The College thought it right to provide for her, and for the family, a souvenir of the event of that day. He had pleasure in presenting to her a key, which he trusted she would long keep, and which he trusted the Mitchell family would always have in their possession as a memorial of that gift and of the events which had transpired there that afternoon.

The key was graciously accepted by Mrs. Mitchell. It was supplied by Gibson and Co., Limited, and is of very handsome design, having the arms of the Queen's College carried out in true heraldic colours in enamel, with the words *Collegium Reginale Belfastiense*, together with a miniature in enamel of the Organ. On the reverse there is a representation of the crest and motto of the Mitchell family, "*Sapiens qui assiduus*," and the inscription, "Presented to Mrs. W. O. Mitchell, Leawood, 16th April, 1903, by the President and Council of Queen's College, Belfast, on the occasion of the inauguration of the Mitchell Organ."

The PRESIDENT said that, at his request, Professor Boas had been kind enough to compose an Ode in celebration of that occasion, which he would now ask him to read.

Professor Boas read the Ode, which was as follows:—

A festal day is come, a festal throng;
And Phoebus whispers that it were not well
To let it lack the tribute of a song—
To strike a joyful strain upon the shell—
"Io triumphe" cry, and bid the peean swell.

Within these walls, while year hath followed year,
The learned sisters have a shelter found:
Here taught their immemorial lore, and here
Have wandered hand in hand, with jewel crowned,
And worn enchanted spells, and made it hallowed ground.

Here they have bidden day by day unfold
The peerless treasures of the classic page;
The jewelled utterance from lips of gold,
In Roman Senate or on Attic stage,
Of epic, lyric, bard, of satirist and sage.

And what the younger world in deathless rhyme
Of deathless love and deathless deed has sung
Here have they told: and what, with front sublime,
Science from Nature's hidden hoard hath wrung,
And blazoned far and wide to men with trumpet tongue.

But one fair sister hitherto has strayed,
With eyelids tear-bedewed and locks unbound,
Alone, unhonoured—Music, heavenly maid—
No votaries her altars here have crowned;
Her pipes have idle stood, nor ever uttered sound.

But on this day, with triumph and acclaim,
We lead her forth to view with radiant eye
This tribute to a husband's, father's, name,
Reared by a reverential piety,
Linking the things of earth to things beyond the sky.

A lordly labyrinth of sound it stands,
 A high-built wonder of the craftsman's art,
 Expectant of the minstrel's master hands,
 With harmonies deep hidden in its heart,
 Eager to burst their bonds and into being start.

Then strike the keys, O minstrel, and fling wide
 The portals of the 'prisoned host of song ;
 Bid them float hither in tumultuous tide,
 And sweep in rhythmic unison along,
 Till every heart leaps up amid the listening throng.

Now silver sweet, as murmur of a stream
 That babbles underneath the moonlit pole ;
 Now faint as voice remembered in a dream ;
 Now thundering with deep, tempestuous roll—
 Bid every reed resound, and lift the raptured soul—

Beyond the barriers of space and time,
 Into that heaven where the kings of sound,
 Acclaimed by multitudes from every clime,
 In state majestic enthroned and crowned,
 Sway us for evermore to ecstasy profound.

Until with other ears than those of earth,
 Undulled by echoes of this mortal strife,
 We catch the master tones of Death and Birth,
 And hear above the clang of discords rife
 The mighty triumph march of God's musician—Life.

The PRESIDENT said the Organ would now be allowed to speak, and they all knew what it would do under the master hand of Mr. Alfred Hollins.

The first contribution by Mr. Alfred Hollins was "Sonata No. 1" (Mendelssohn), given by desire, the movements being *allegro moderato e serio*, *adagio*, *andante recitativo*, and *allegro assai vivace*. The Sonata was one which enabled the organist to show the excellence of quality and tone of the instrument, and at the same time the audience were treated to the rendition of a standard classical work excellently performed. The last movement was beautifully played, and the instrument's light and responsive touch imparted a richness and delicacy to the rendition, which was highly charming. The organist next made a transition from Mendelssohn to Wagner, and played the latter composer's prelude to "Parsifal," a fine example of the great master's skill in sacred music drama. All the charm of the composer's manner was faithfully interpreted by Mr. Hollins. The following songs were sung by Miss M'Kisack:—(a) "Creation's Hymn" (Beethoven), (b) "Time's Garden" (Goring Thomas), and (c) "Wiegenlied" (Humperdinck). Miss M'Kisack was in excellent voice, and her songs were much enjoyed and faultlessly sung. The organist then contributed—(a) Bach's aria from Suite in D, (b) Fugue in D. The former is simple in construction, being a slow, sustained melody in two parts, each of which is repeated, while the fugue, the subject of which is florid, is a technical study from beginning to end. In both pieces Mr. Hollins handled the instrument with perfect skill, and his rendition of the fugue in D was one of his best efforts. His next contribution was Whiting's "Pastorale." Mr. C. E. Whiting is one of the leading organists in Boston, U.S.A. The pastorale is extremely quaint and fascinating, and consists of three parts—the first in F, the second in D flat for the *vox humana* or *celeste*, with running flute passages; then a

return to the first. The hearer cannot fail to notice the curious alteration of the two notes F and C in the pedals in the first part. In fact this portion may be said to be written almost entirely on a tonic and dominant pedal. Then he gave a delightful interpretation of the gavotte, "Yellow Jasmine," taken from Dr. Cowen's suite of six pieces entitled "The Language of Flowers," each number of which is intended to convey in music the meaning of the flower after which it is named. Thus the gavotte truly represents "elegance and grace." This was followed by a brief improvisation on an original theme by the organist. Mr. Hollins's skill in improvisation is well known, and this item served to show his own competence as a composer and absolute control of the instrument of which he is master. "The Promise of Life" (Cowen) was sympathetically sung by Miss M'Kisack. The last two items by the organist were "The Answer" (Wolstenholme) (by desire), and "Concert Overture No. 2" (in C minor) (Hollins). "The Answer" is companion to a piece entitled "The Question." It is a charming melody in B flat, with a middle part a little more agitated in G minor. The whole ends quietly, suggesting perfect contentment and repose. The overture, at the request of several friends, has been written on the same lines as the Concert Overture in C major. It has no slow movement, but only a short introduction leading to the *allegro*, which is in the usual overture form. At the conclusion of the recital, the items of which were applauded without exception, tea was served to the guests. An evening recital was also given by Mr. Hollins. The vocalists were Miss M'Kisack and Mr. R. M. Patterson, and the proceeds were in aid of the Ulster Hospital for Children and Women. Mr. Hollins's contributions were:—"Sonata No. 1" (Guilmont), by desire; prayer, Rossini, transcribed by Best; Andante con grazia (carillon) (Carl G. Hardebeck), dedicated to Mr. Hollins; Scherzo (Turner); "Fugue a la Gigue" (Bach); Improvisation; *intermezzo* (Hollins); "Graceful Dance" (Sullivan); overture, "William Tell" (Rossini). Miss M'Kisack's songs were "A Song of Thanksgiving" (Allitsen) and "The Lost Chord" (Sullivan). Mr. R. M. Patterson sang "If with all your hearts," air from Mendelssohn's "Elijah," and "The Message." There was a large attendance, and the organ was heard to much advantage in the varied selection of pieces chosen by Mr. Hollins. The vocal items were also greatly enjoyed.

TABLES.

TABLE I.

NUMBER of STUDENTS Matriculated in Session 1902-1903:-

Matriculated in Queen's College, Belfast,	3
Admitted <i>ad eundem</i> , having Matriculated in the Royal University,	34
University of London,	1
	38

TABLE II.

A.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS who have entered the COLLEGE in each year since its opening.

Sessions.	Matriculated.	Non-Matriculated.	Total.	Presbyterian.	Church of Ireland.	Roman Catholic.	Methodist.	Vari-ous.	Total.
1849-50,	90	105	195	145	33	5	4	8	195
1850-51,	51	42	93	68	15	7	1	2	93
1851-52,	42	40	82	47	25	7	2	1	82
1852-53,	31	23	54	28	16	7	2	1	54
1853-54,	39	23	62	36	14	5	3	4	62
1854-55,	41	38	79	56	13	6	2	2	79
1855-56,	33	29	62	36	17	5	2	2	62
1856-57,	40	28	68	40	18	4	1	5	68
1857-58,	43	28	71	55	8	6	2	—	71
1858-59,	51	37	88	51	24	8	4	1	88
Entered in first 10 years,	461	393	854	562	183	60	28	26	854
1859-60,	66	24	90	64	14	6	4	2	90
1860-61,	96	41	137	85	29	13	3	7	137
1861-62,	114	38	152	101	27	5	6	13	152
1862-63,	115	22	137	92	23	12	5	5	137
1863-64,	109	18	127	86	25	5	9	8	127
1864-65,	108	27	135	97	22	6	3	7	135
1865-66,	88	30	118	83	17	7	5	6	118
1866-67,	95	12	107	61	16	6	10	14	107
1867-68,	90	22	112	63	20	5	1	23	112
1868-69,	79	24	103	60	16	7	6	14	103
Entered in second 10 years,	960	258	1,218	792	209	72	46	99	1,218
1869-70,	83	15	98	54	23	8	4	9	98
1870-71,	84	30	114	57	36	2	8	11	114
1871-72,	78	25	103	50	28	6	5	14	103
1872-73,	99	14	113	66	33	6	9	5	113
1873-74,	98	25	123	63	28	6	13	13	123
1874-75,	102	32	134	78	33	3	5	15	134
1875-76,	91	24	115	69	18	10	7	11	115
1876-77,	119	32	151	93	35	3	8	12	151
1877-78,	118	28	146	78	34	10	9	15	146
1878-79,	123	32	155	94	36	10	7	8	155
Entered in third 10 years,	995	357	1,352	696	304	64	75	113	1,352

A.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS who have entered the COLLEGE in each year since its opening—*continued.*

Sessions.	Matri- culated.	Non- Matri- culated.	Total.	Presby- terian.	Church of Ireland.	Roman Catho- lics.	Method- ist.	Vari- ous.	Total.
1879-80,	128	23	151	90	29	10	10	12	151
1880-81,	135	15	150	91	30	8	4	17	150
1881-82,	171	15	186	110	28	11	17	20	186
1882-83,	107	23	130	75	25	5	8	17	130
1883-84,	117	16	133	82	22	4	9	16	133
1884-85,	110	21	131	92	20	2	7	10	131
1885-86,	104	27	131	79	23	9	10	10	131
1886-87,	87	23	110	79	17	—	10	4	110
1887-88,	94	15	109	76	20	3	6	4	109
1888-89,	106	20	126	89	23	6	—	8	126
Entered in fourth 10 years,	1,159	198	1,357	863	287	58	81	118	1,357
1889-90,	142	28	170	104	30	6	15	15	170
1890-91,	110	17	127	87	23	5	6	6	127
1891-92,	136	21	157	103	25	8	11	10	157
1892-93,	90	7	97	68	14	7	4	4	97
1893-94,	83	29	112	63	24	10	10	5	112
1894-95,	92	25	117	72	24	7	7	7	117
1895-96,	99	13	112	74	24	6	3	5	112
1896-97,	87	21	108	70	15	4	6	13	108
1897-98,	86	17	103	69	22	7	9	6	113
1898-99,	88	18	106	62	18	6	4	11	101
Entered in fifth 10 years,	1,023	191	1,214	772	219	66	75	82	1,214
Total in 50 years, .	4,598	1,297	5,895	3,685	1,152	520	300	456	5,895
1899-1900,	87	12	99	62	17	5	8	7	99
1900-01,	93	22	115	76	23	8	5	8	115
1901-02,	70	30	100	56	20	6	8	10	100
1902-03,	88	25	113	49	30	5	16	13	113
Total,	4,936	1,386	6,322	3,928	1,242	344	387	471	6,322

B.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS attending the COLLEGE in each Session from its opening.

Sessions.	Matri- culated.	Non- Matri- culated.	Total.	Presby- terian.	Church of Ireland.	Roman Catho- lics.	Method- ist.	Vari- ous.	Total.
1846-50,	90	105	195	145	33	5	4	8	195
1851-55,	110	75	185	136	33	10	4	2	185
1856-60,	120	69	189	129	40	14	5	1	189
1861-65,	101	53	154	100	33	15	4	2	154
1866-70,	114	54	168	107	36	14	6	5	168
1871-75,	118	65	183	131	34	14	3	1	183
1876-80,	119	74	193	131	33	19	5	5	193
1881-85,	136	58	194	131	35	14	3	11	194
1886-90,	153	54	207	154	31	14	4	4	207
1891-95,	160	63	223	153	45	14	8	3	223
Average of first 10 years,	122.1	67.0	189.1	131.7	35.3	13.3	4.6	4.2	189.1

B.—NUMBERS and RELIGIOUS PERSUASIONS of STUDENTS attending the COLLEGE, in each Session from its opening—con.

SESSIONS.	Matri- culated.	Non- Matri- culated.	Total.	Presby- terian.	Church of Ireland.	Roman Catho- lic.	Metho- dist.	Va- rious.	Total.
1859-60,	199	58	257	184	43	16	8	6	257
1860-61,	239	73	312	216	57	22	7	10	312
1861-62,	299	76	375	266	59	17	13	20	375
1862-63,	335	53	388	275	61	24	11	17	388
1863-64,	340	47	387	261	63	26	10	27	387
1864-65,	356	49	405	285	58	22	9	31	405
1865-66,	360	53	413	281	60	19	13	40	413
1866-67,	357	30	387	223	57	19	18	69	387
1867-68,	357	33	390	233	59	16	25	57	390
1868-69,	330	38	368	220	51	15	26	56	368
Average of second 10 years	317.2	51.0	368.2	244.6	56.8	19.6	14.0	38.2	368.2
1869-70,	328	25	353	214	57	13	19	45	353
1870-71,	337	43	380	226	76	14	22	42	380
1871-72,	325	33	358	203	80	17	12	45	358
1872-73,	328	23	351	203	79	15	21	33	351
1873-74,	344	31	375	201	87	17	26	44	375
1874-75,	346	47	393	223	85	11	24	50	393
1875-76,	353	40	393	232	70	17	29	53	393
1876-77,	393	44	437	270	86	13	29	39	437
1877-78,	421	42	463	283	89	20	27	44	463
1878-79,	453	47	500	320	89	20	33	38	500
Average of third 10 years,	362.8	37.5	400.3	236.5	79.8	16.2	24.2	43.6	400.3
1879-80,	456	38	494	331	81	22	26	34	494
1880-81,	482	26	508	326	90	22	22	48	508
1881-82,	541	26	567	353	104	25	30	53	567
1882-83,	473	29	502	305	91	20	33	53	502
1883-84,	456	25	481	290	85	17	34	55	481
1884-85,	418	31	449	280	81	10	32	46	449
1885-86,	416	44	460	282	80	17	34	47	460
1886-87,	387	36	423	281	61	9	37	35	423
1887-88,	398	31	429	290	64	13	30	32	429
1888-89,	391	31	422	303	59	11	22	27	422
Average fourth 10 years,	441.8	31.7	473.5	304.1	79.6	16.6	30.0	43.2	473.5
1889-90,	411	50	461	307	74	16	27	37	461
1890-91,	492	47	449	299	68	17	27	38	449
1891-92,	436	47	483	324	67	20	33	39	483
1892-93,	414	28	442	309	58	16	28	31	442
1893-94,	380	49	429	293	60	22	28	25	429
1894-95,	340	46	386	253	63	21	27	22	386
1895-96,	355	37	392	264	63	19	25	21	392
1896-97,	334	46	380	259	48	16	24	33	380
1897-98,	343	43	386	251	60	14	26	35	386
1898-99,	324	35	359	236	51	13	26	33	359
Average fifth 10 years, .	373.9	42.8	416.7	279.5	61.2	17.4	27.2	31.4	416.7
1899-1900,	316	31	347	247	40	12	21	27	347
1900-01,	322	37	359	240	61	18	20	20	359
1901-02,	300	49	349	217	69	17	20	26	349
1902-03,	302	45	347	203	69	16	31	28	347

TABLE III.

NUMBER of STUDENTS attending each Faculty in Session 1902-1903.

Arts,	134
Law,	6
Medicine,	196
Engineering,	18
	<hr/> 354
Attending in more than one Faculty,	7
	<hr/> 347

TABLE IV.

NUMBER of STUDENTS who came from each of the PROVINCES of IRELAND, and from other Places.

Ulster,	296	India,	2	Sweden,	1
Munster,	6	New Zealand,	1	Syria,	1
Leinster,	8	British Columbia,	1	Japan,	1
Connaught,	6	Californina,	1		
England,	12	Buenos Ayres,	1		
Scotland,	9	Russia,	1	Total,	347

TABLE V.

AGES of STUDENTS in ATTENDANCE.

Under Seventeen years,	4	From Twenty to Twenty-one,	54
From Seventeen to Eighteen,	19	Above Twenty-one years,	190
From Eighteen to Nineteen,	39		
From Nineteen to Twenty,	41	Total,	347

TABLE VI.

NUMBER of LECTURES given by each Professor, and NUMBER of STUDENTS attending them, in Session 1902-1903.

	Number of Lectures.	Number of Students.
Greek,	264*	43
Latin,	285†	63
English Language and Literature,	159	60
History,	83	10
French,	169	33
German,	61	4
Logic,	108	18
Metaphysics,	72	21
Mathematics,	284‡	55
Natural Philosophy,	265	109
Physical Laboratory,	5	57
Chemistry,	85	49
Practical Chemistry, Summer, 1902,	49	14
Do., Winter, 1902-1903,	54	43
Laboratory, Summer, 1902,	1	3
Do., Winter, 1902-1903,	1	2

* In addition, fifty-three Lectures were given by the Senior Scholar.

† In addition, sixty Lectures were given by the Senior Scholar.

‡ In addition, forty-two Lectures were given by the Senior Scholar.

§ Daily, except Saturdays, during the Session.

|| Daily, except Saturdays, during the Session.

NUMBER of LECTURES given by each Professor, and NUMBER of STUDENTS attending them, in Session 1902-1903—con.

	Number of Lectures.	Number of Students
{ Zoology, - - - - -	59	39
{ Botany, Summer, 1902, - - - - -	43	37
{ Geology and Mineralogy, - - - - -	43	4
{ Practical Biology, 2 hours each, Summer, 1902, -	24	25
{ English Law, - - - - -	48	6
{ Jurisprudence and Civil Law, - - - - -	48	8
{ Political Economy, - - - - -	24	10
{ Anatomy, Junior and Senior, - - - - -	153	83
{ Practical Anatomy, - - - - -	*	111
{ Physiology, - - - - -	102	78
{ Practical Physiology, - - - - -	21	34
{ Practical Histology, - - - - -	22	39
{ Medicine, - - - - -	79	37
{ Surgery, - - - - -	70	40
{ Operative Surgery, Summer, 1902, - - - - -	35	32
{ Midwifery, - - - - -	78	35
{ Materia Medica, - - - - -	80	29
{ Ophthalmology and Otology, - - - - -	33	33
{ Sanitary Science, - - - - -	35	34
{ Medical Jurisprudence, Summer, 1902, - - - - -	33	41
{ Engineering, - - - - -	235†	18
{ Systematic Pathology, Summer, 1902, - - - - -	43	26
{ Practical Pathology, 2 hours each, Summer, 1902, -	31	32
{ Practical Pharmacy, Summer, 1902, - - - - -	29	38
POST GRADUATE COURSES.		
Bacteriology, Summer, 1902, - - - - -	28	10
Clinical Physiology, 1902-03, - - - - -	†	1
Chemical Laboratory, Public Health Course, Winter, 1902-03, - - - - -	5	2
Clinical Pathology, Summer, 1902, - - - - -	20	8
Advanced Anatomy of the Nervous System, Summer, 1902, - - - - -	16	14

* Daily during the Session from 9 to 5.

† In addition instruction given in Office Work 110 hours.

‡ Daily, except Saturdays, during the Session.

§ Laboratory open daily during the Second Term.

TABLE VII.
COLLEGE SCHOLARS AND PRIZEMEN.
SESSION 1902-1903.

SENIOR SCHOLARSHIPS.

GREEK, LATIN, AND ANCIENT HISTORY.

Miskelly, Edith, B.A.

Ferguson, Henry Reynolds M^cKay,
B.A.—A prize.

MATHEMATICS.

Houston, Robert Martin, B.A.

LOGIC, METAPHYSICS, AND POLITICAL ECONOMY.

Heaslett, George Henry, B.A.

CHEMISTRY.

Wilson, William James, B.A.

JUNIOR SCHOLARSHIPS.

FACULTY OF ARTS.

Third Year.

LITERARY DIVISION.

Scandrett, Richard.
Montgomery, Walter Ernest.
Dickie, William.

M^cAlister, William.
M^cKee, James.

SCIENCE DIVISION.

Riddell, James Riddell.
Beatty, Richard Thomas.

Stevenson, James.

Second Year.

LITERARY DIVISION.

Seymour, John.

M^cConnell, Samuel John.

SCIENCE DIVISION.

Ball, James Arthur Ernest.
M^cCullough, Barkley.

Martin, Hilda Phrys.
Compton, Samuel James Moore.

First Year.

LITERARY DIVISION.

Shillington, Annie.
Wilson, Charles Morell.
Glass, George Shaw.
Patton, Alexander.
Lynd, Dorothy.

Lowry, William—A prize.
Lynd, John Lawrence—A prize.
Stoops, Samuel Donaldson—A prize.

SCIENCE DIVISION.

Robertson, William Thomas.
Gillespie, Henry Albert.
M^cCallum, John Dun- } equal.
woody Martin.

M^cQuitty, John Montgomery.
Stevenson, Alexander Leslie.
Rentoul, Alfred Hamilton—A prize.

FACULTY OF MEDICINE.

Fifth Year.

<i>Medicine and Pathology.</i>	<i>Surgery and Midwifery.</i>
Adams, Samuel Kirkpatrick.	Gillespie, Daniel.

Fourth Year.

O'Neill, John Stevenson.	Spence, Robert James.
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Third Year.

Dickey, James Stuart.	Jamison, Robert.
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Second Year.

Harvey, Charles Robert, and Knight, Charles Graham—equal.

First Year.

<i>Literary.</i>	<i>Science.</i>
Huston, Marshall Fullerton.	Compton, Arthur John Wilson.

FACULTY OF LAW.

Second Year.

Leighton, Robert Henry, B.A.

First Year.

Diamond, Samuel James, B.A.	Davey, William Hamilton, B.A.
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SCHOOL OF ENGINEERING.

Second Year.

Miller, John.	Elliott, David Beggs.
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PRIVATE ENDOWMENTS.

DUNVILLE STUDENTS.

Carnwath, Thomas, B.A., elected 1901.
Hawthorne, William, B.A., „ 1902.

ANDREWS STUDENT.

Totton, Joseph Harold, B.A., elected 1901.

PORTER SCHOLARS.

Ferguson, Hugh Reynolds Mackey, B.A., elected 1901.
Beatty, Richard Thomas, „ 1902.

SIR HERCULES PAKENHAM SCHOLAR.

Caldwell, Mathew Fitzjames, elected 1901.

EMILY LADY PAKENHAM SCHOLAR.

Venables, Mabel, elected 1902.

SULLIVAN SCHOLARS.

Edgar, William, elected 1900.
Seymour, John, „ 1901.
Moore, Ormsby William, „ 1902.

BLAYNEY EXHIBITIONER.

Miskelly, Edith, B.A.

CLASS PRIZES.

ARTS.

GREEK.

Honour Class.

Scandrett, Richard.		Dickie, William.
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Second Year.

Seymour, John.

First Year.

Shillington, Annie. Patton, Alexander.		Lynd, John Lawrence.
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LATIN.

Honour Class.

Scandrett, Richard.		Dickie, William.
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First Year.

Shillington, Annie. Patton, Alexander. Venables, Mabel.		Glass, George Shaw. Lynd, John Lawrence.
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HISTORY.

Third Year.

Fisher, James Annett.		M'Gladery, Herbert.
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ENGLISH LANGUAGE AND LITERATURE.

Third Year.

Scandrett, Richard.

Second Year.

Martin, Hilda Prhys.

First Year.

Greer, John Carson.		Mahood, Samuel.
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FRENCH.

Honour Class.

M-Kee, James.

Second Year.

Seymour, John.

First Year.

Venables, Mabel. Lowe, Caroline Victoria.		Mahood, Samuel.
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GERMAN.

First Year

Venables, Mabel.

MATHEMATICS.

Honour Class.

Riddell, James Riddell—A Second prize.

Second Year.

*Ball, James Arthur Ernest—A Second prize.

First Year.

M'Callum, John Dunwoody Martin.

EXPERIMENTAL PHYSICS.

Honour Class.

Riddell, James Riddell.

Second Year.

Martin, Hilda Prhys.

First Year.

Clarke, David Solomon.

Boyd, Arthur Ross.

*Crymble, Cecil Reginald.

M'Callum, John Dunwoody

Martin.

Arnold, Thomas.

Berman, Raphael Naphtali.

Hoey, George M'Cauleland.

MATHEMATICAL PHYSICS.

Honour Class.

Riddell, James Riddell.

Second Year.

Ball, James Arthur Ernest.

LOGIC

Honour Class.

Stevenson, James.

Edgar, William.

Second Year.

Compton, Samuel James Moore—A Second prize.

METAPHYSICS.

Stevenson, James,

Edgar, William, and

Hay, David,

} equal.

POLITICAL ECONOMY.

Edgar, William,

Stevenson, James,

} equal.

JURISPRUDENCE.

M'Gladery, Herbert.

*Mr. Crymble could not hold the prize, having obtained one in the same subject last Session

ENGINEERING.

Third Year.

Hawthorne, William, B.A.

First Year.

Hoey, George M'Causland.

GEOLOGY.

Hawthorne, William, B.A.

MEDICINE.

ZOOLOGY.

Clarke, David Solomon.
Huston, Marshall Fullerton.

Holmes, Thomas Sydney Shaw.

CHEMISTRY.

Kevin, Robert George,
Prentiss, Herbert Howard, } equal.

M'Kee, James Little.
Caldwell, Matthew Fitzjames.

PRACTICAL CHEMISTRY.

[Waide, Edmond, non-matricu-
lated.]
Gaston, James.

Elliott, David Beggs.
Watson, Ernest France.

ANATOMY.

Senior.

Dickey, James Stuart.
Jamison, Robert.

Chambers, Robert, LL.B.

Junior.

Harvey, Charles Robert.
Gaston, James.

Rowan, Maria.
Hill, Rowland.

PRACTICAL ANATOMY.

Senior.

Watson, Henry Christian.
Walker, Cuthbert Ferguson.

Leighton, William James.

Second Year.

Dickey, James Stuart.
M'Master, Albert Victor.
Shaw, James.

Hill, Rowland,
M'Cormac, Samuel, } equal.

First Year.

Graham, William Shepherd.
Harvey, Charles Robert.

Knight, Charles Graham.

PHYSIOLOGY AND HISTOLOGY.

Senior.

Dickey, James Stuart.	|	Chambers, Robert, LL.B.
Jamison, Robert.	|	

Junior.

Gaston, James.	|	Kyle, Samuel Wasson.
Harvey, Charles Robert.	|	Campbell, George Ferris.

PRACTICAL PHYSIOLOGY.

Dickey, James Stuart.	} equal.
Chambers, Robert, LL.B.	
Jamison, Robert,	
Watson, Henry Christian.	

PRACTICAL HISTOLOGY.

Harvey, Charles Robert.		Gaston, James.
Kyle, Samuel Wasson.		

MATERIA MEDICA.

Chambers, Robert, LL.B.		Magill, James.
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MEDICINE.

Davis, William Henry.

MIDWIFERY, GYNÆCOLOGY, AND DISEASES OF CHILDREN.

Magill, William Arthur.	} equal.
Spence, Robert James.	
Johnston, Robert,	
Stewart, William George,	
Wilson, Malcolm Orr.	

SURGERY.

Senior.

Lyle, Thomas.		Adams, Samuel Kirkpatrick.
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Junior.

Wilson, Malcolm Orr.		Clements, Robert George.
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OPHTHALMOLOGY AND OTOTOLOGY.

Wilson, Malcolm Orr.		Whyte, Samuel Hugh.
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SANITARY SCIENCE.

Spence, Robert James.		Davis, William Henry.
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LAW.

Second Year.

EQUITY AND COMMON LAW.

Leighton, Robert Henry, B.A.

CIVIL LAW.

Leighton, Robert Henry, B.A. | Bailey, Edward William.

First Year.

LAW OF PROPERTY.

Diamond, Samuel James, B.A.

JURISPRUDENCE.

Diamond, Samuel James, B.A.

SUMMER, 1902.

BOTANY.

McCormac, Samuel.
Knight, Charles Graham.

Gaston, James.

PRACTICAL CHEMISTRY.

Senior.

*Dickey, James Stuart.

Junior.

Moffett, Thomas James Simpson.
Finnegan, John.

Egft, Annie, non-matriculated.

CHEMICAL LABORATORY.

Sinclair, William Richardson, non-matriculated.

Wilson, William James.

MEDICAL JURISPRUDENCE.

Graham, Samuel John.

Lyle, Thomas.

SYSTEMATIC PATHOLOGY.

Lyle, Thomas.
Simms, Mary Evelyn.

O'Neill, John Stevenson.
Magill, William Arthur.

PRACTICAL PHARMACY.

White, Jemima Blair.
Magill, James.

Wilson, William James.

*Mr. Dickey could not hold the prize, having obtained one in the same subject last Session.

TABLE VIII.

DEGREES, DIPLOMAS, HONOURS, &c., obtained by STUDENTS of the COLLEGE at the EXAMINATIONS of the ROYAL UNIVERSITY OF IRELAND IN 1902.

In the following Lists those Candidates whose names are printed in *italics* were disqualified by University standing or otherwise from holding the Exhibitions for which their names appear.

FACULTY OF ARTS.

STUDENTSHIP.

IN MENTAL SCIENCE.

Corkey, William, M.A.

SPECIAL PRIZE.

Special Prize for distinguished answering at Medical Studentship Examination.

Beatty, Robert M., M.B., B.CH., B.A.O.

HENRY HUTCHINSON STEWART SCHOLARSHIP IN MEDICINE.

Dickey, James S.

SCHOLARSHIP IN MATHEMATICAL SCIENCE.

Second Class.

Ball, James A. E.

M.A. DEGREE EXAMINATION.

Autumn, 1902.

In each of the following Groups of Subjects the names of the Candidates awarded Honours are placed in order of merit. Candidates whose answering nearly approached Honour Standard, were adjudged to have passed the Examination, and their names are arranged alphabetically:—

HONOURS IN ANCIENT CLASSICS.

Second Class.

Pyper, John, B.A.

|

Elliott, George R., B.A.

Pass.

Knox, William G., B.A.

HONOURS IN MATHEMATICAL SCIENCE.

Second Class.

Tombe, Archibald S., B.A.

B.A. DEGREE EXAMINATION.

Summer, 1902.

Pass.

Gilmour, John.
Martin, Edwin W.

Martin, James G.
Swain, Isaac.

Autumn, 1902.

EXHIBITIONS.

The names in each Class are arranged in alphabetical order :—

First Class—£42 each.

4

Corkey, Robert.

Wilson, William J.

Second Class—£21 each.

Ferguson, Hugh R. M.
Hamilton, John E.

Totton, Joseph H.

In each of the following Groups of Subjects the names of the Candidates awarded Honours are placed in order of merit. Candidates whose answering nearly approached Honour Standard, were adjudged to have passed the Examination, and their names are arranged alphabetically :—

HONOURS IN ANCIENT CLASSICS.

Second Class.

Ferguson, Hugh R. M.

Pass.

Miskelly, Edith.

Waddell, Henry C.

HONOURS IN MENTAL AND MORAL SCIENCE.

First Class.

Corkey, Robert.

LOGIC, METAPHYSICS, HISTORY OF PHILOSOPHY AND POLITICAL ECONOMY.

Pass.

Heaslett, George H.

HONOURS IN CIVIL AND CONSTITUTIONAL HISTORY, POLITICAL ECONOMY AND GENERAL JURISPRUDENCE.

First Class.

Hamilton, John E.

Second Class.

Davey, William H.

HONOURS IN EXPERIMENTAL PHYSICS AND CHEMISTRY.

Second Class.

Totton, Joseph H.

HONOURS IN CHEMISTRY AND PHYSIOLOGY

First Class.

Wilson, William J.

SECOND UNIVERSITY EXAMINATION IN ARTS.

Summer, 1902.

EXHIBITIONS.

First Class, £36 each.

Beatty, Richard T.

Riddell, James R.

Second Class, £18 each.

Scandrett, Richard.

Stevenson, James.

Huston, Marshall F.

HONOURS IN LATIN.

Second Class.

Scandrett, Richard.

Huston, Marshall F.

HONOURS IN GREEK.

Second Class.

Scandrett, Richard.

Huston, Marshall F.

HONOURS IN HISTORY.

Second Class.

McFarlane, Thomas B.

HONOURS IN LOGIC.

Second Class.

Stevenson, James.

HONOURS IN MATHEMATICS.

First Class.

Riddell, James R.

|

Beatty, Richard T.

HONOURS IN MATHEMATICAL PHYSICS.

First Class.

Riddell, James R.

|

Beatty, Richard T.

HONOURS IN EXPERIMENTAL PHYSICS.

First Class.

Riddell, James R.

Second Class.

Beatty, Richard T.

HONOURS IN CHEMISTRY.

Second Class.

M'Kee, William A.

HONOURS IN BIOLOGY.

Second Class.

M'Kee, William A.

Pass.

Beatty, Richard T.
Boyd, Arthur R.
Bristow, Harry L.
Cowan, Walter.
Cowden, Robert J. M.
Dickie, William.
Fisher, James A.
Graham, James.
Harbinson, Charles H.
Hill, Rowland.
Hudson, Lillie E.
Huston, Marshall F.
Johnston, William F.
Johnstone, Thomas M'G.
Kennedy, Robert F.
Leslie, James E.
M'Alister, William.
M'Farlane, Thomas B.

M'Gladery, Herbert.
M'Kee, James.
M'Kee, William A.
Mackintosh, Winifred C.
M'Master, Albert V.
M'Neill, Samuel.
Montgomery, Walter E.
Rhind, Sophia F.
Riddell, James R.
Riddell, William.
Rutherford, James S.
Rutherford, Willie McC.
Scandrett, Richard.
Shaw, James.
Stevenson, James.
Stewart, Herbert L.
Waters, William H.

FIRST UNIVERSITY EXAMINATION IN ARTS.

Summer, 1902.

EXHIBITIONS.

First Class, £30 each.

Ball, James A. E.

| M'Connell, Samuel J.

Second Class, £15.

M'Cullough, Barkley.

HONOURS IN LATIN.

First Class.

M'Connell, Samuel J.

| Ball, James A. E.

HONOURS IN GREEK.

First Class.

M'Connell, Samuel J.

HONOURS IN ENGLISH

Second Class.

M'Connell, Samuel J.

HONOURS IN FRENCH

First Class.

M'Cullough, Barkley.

HONOURS IN MATHEMATICS.

Second Class.

Ball, James A. E.

HONOURS IN NATURAL PHILOSOPHY.

Second Class.

M'Cullough, Barkley.

| Ball, James A. E.

The following Candidate was also declared qualified to compete for Honours, but did not present himself for the Oral Examination:—

LATIN.

Seymour, John.

Pass.

Acheson, Samuel.
Ball, James A. E.
Barkley, Hugh G.
Caldwell, Matthew F.
Calwell, Gault.
Crymble, Cecil R.
Dewar, Elliott P.
Dewar, James.
Fulton, Marcus S.
Harvey, Charles R.
Hutchinson, William H.

Loughran, John R. C.
M'Connell, Samuel J.
M'Cullough, Barkley.
Martin, Hilda P.
Mitchell, James R.
Power, Robert J.
Pyper, Robert B.
Rowan, Maria.
Seymour, John.
Sinclair, James.

Autumn, 1902.

Pass.

Bellas, Thomas H.

FACULTY OF LAW.

FIRST EXAMINATION IN LAW.

Summer, 1902.

EXHIBITIONS.

Second Class, £10 each.

Porter, Samuel C., M.A.

| Leighton, Robert H., B.A.

HONOURS.

Second Class.

Porter, Samuel C., M.A.

| Leighton, Robert H., B.A.

Pass.

Rutherford, Andrew A., B.A.

LL.B. DEGREE EXAMINATION.

Summer, 1902.

Pass.

M'Connell, James, B.A.

FACULTY OF MEDICINE.

DIPLOMA IN MENTAL DISEASES EXAMINATION.

Autumn, 1902.

Grills, Galbraith H., M.D., B.CH., B.A.O

M.D. DEGREE EXAMINATION.

Spring, 1902.

Grills, Galbraith H., M.B., B.CH., B.A.O.
 Monypenny, Hiram J., M.D., B.C.H., B.A.O.
 Tate, Isabel A., M.B., B.CH., B.A.O.

M.D. DEGREE EXAMINATION.

*Autumn, 1902.**Pass.*

M'Dade, Charles E., B.A., M.D., B.CH., B.A.O.
 M'Master, Arthur B., M.D., B.CH., B.A.O.

M.B., B.CH., B.A.O. DEGREES EXAMINATION.

Spring, 1902.

EXHIBITIONS.

First Class, £40.

Phillips, Walter, B.A.

Second Class, £25.

Armstrong, John

HONOURS.

First Class.

Phillips, Walter, B.A.

Second Class.

Armstrong, John.

Upper Pass.

Black, Albert L., B.A.

Hunter, Samuel R., B.A.

Pass.

Campbell, David R., B.A.

Mann, Frederick C.

Clements, John

Stewart, Frederick W., B.A.

Hamilton, Alfred W.

Stoops, William A., B.A.

M'Caughy, Francis H.

Thompson, William J.

Autumn, 1902.

HONOURS.

Second Class.

Blakely, Sydney H. G.

Irwin, Samuel T., B.A.

Upper Pass.

Bright, William H. N.

Warnock, William.

Pass.

Best, Robert.

McCune, Francis E., B.A.

Buchanan, John D.

Martin, James F. G.

Campbell, James H.

Mathewson, Robert.

Killen, James W.

Rutherford, Ernest D.

Luke, George F.

Thompson, Joseph H.

THIRD EXAMINATION IN MEDICINE.

Spring, 1902.

Upper Pass.

Johnston, Robert.
Whyte, Samuel H.

Wilson, Malcolm O.

Pass.

Costes, Foster, B.A.
Davis, William H.
Fitzgerald, Edward.
Gardiner, Arthur S.
Gill, Harry.

Killen, Samuel J.
M'Giffen, Robert H.
Moffatt, George B.
O'Neill, John S.

Autumn, 1902.

Upper Pass.

Armstrong, Christopher.

Spence, Robert J.

Pass.

Baird, William J. M'L.
Clements, Robert G.
Hayden, William R.
Lowry, James A.

M'Conaghy, John.
Phillips, Thomas M'C.
Stevenson, Gerald H.
Stewart, William G.

SECOND EXAMINATION IN MEDICINE.

Spring, 1902.

Upper Pass.

Armstrong, Christopher.
Chambers, Robert, L.L.B.
Keown, Robert L.

Watson, Harry C.
Wright, John.

Pass.

Baird, William J. M'L.
Bell, Charles D.
Bradbury, Samuel.
Clements, Robert G.
Dempsey, John.
Hill, Adam.
Knipe, George W.

Lilley, John.
M'Cammon, Frank A.
M'Murray, Samuel.
Milligan, Ernest H. M.
Robb, Campbell G.
Thompson, John K.
Warnock, James, B.A.

Autumn, 1902.

EXHIBITION.

First Class, £25

Dickey, James S.

HONOURS.

First Class.

Dickey, James S.

Second Class

Jamison, Robert.

Upper Pass.

Donnelly, James.

Magill, James.

Pass.

Allen, James W.	|	Lytle, Robert J.
Carson, Herbert W.	|	M ^c Cutcheon, William T.
Finnegan, John.	|	M ^c Kee, William.
Leighton, William J.	|	West, Thomas.
Leitch, Andrew.	|	White, Jemima B.

FIRST EXAMINATION IN MEDICINE.

Summer, 1902.

EXHIBITION.

Second Class, £10.

Knight, Charles G.

HONOURS IN BOTANY.

Second Class.

Knight, Charles G.

HONOURS IN EXPERIMENTAL PHYSICS.

Second Class.

Hill, Rowland.		Knight, Charles G.
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Pass.

Bristow, Harry L.		Kennedy, Robert F.
Campbell, George F.		Knight, Charles G.
Carson, Holden.		Kyle, Samuel W.
Dunlop, John.	|	McAllen, Thomas J.
Gaston, James.	|	McCormac, Samuel.
Hill, Rowland.	|	Watson, Ernest F.

Autumn, 1902.

EXHIBITION.

Second Class, £10.

Harvey, Charles R.

HONOURS IN BOTANY.

Second Class.

Harvey, Charles R.

HONOURS IN CHEMISTRY.

Second Class.

Harvey, Charles R.		Black, John A.
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HONOURS IN EXPERIMENTAL PHYSICS.

Second Class.

Harvey, Charles R.

Pass.

Black, John A.
Calwell, Gault,
Fulton, Jane M'C.
Graham, William S.
Harding, Charles E. L.

Harvey, Charles R.
Henderson, William T.
Riddell, William.
Rowan, Maria
Watson, Standish J.

SCHOOL OF ENGINEERING.

B.E. DEGREE EXAMINATION.

Summer, 1902.

EXHIBITION.

Second Class, £21.

Stewart, Thomas B., B.A.

HONOURS.

Second Class.

Stewart, Thomas B., B.A.

Pass.

Lloyd, Reginald T., B.A.
Lyons, John M. C.

Munce, James S.
Scott, James.

SECOND PROFESSIONAL EXAMINATION.

Summer, 1902.

EXHIBITION.

First Class, £36.

Hawthorne, William, B.A.

HONOURS.

First Class.

Hawthorne, William, B.A.

Pass.

Davidson, Richard C.
Watson, Herbert.

Wilbond, Arthur G.

FIRST PROFESSIONAL EXAMINATION.

Summer, 1902.

EXHIBITIONS.

*Second Class, £15.**Miller, John.*

HONOURS.

*Second Class.**Miller, John.**Pass.*Elliott, David B.
Hepple, Thomas R.

Johnston, William F.

TABLE IX.—STUDENTS OF THE COLLEGE WHO HAVE GAINED JUNIOR FELLOWSHIPS, STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS, OR PRIZES IN THE ROYAL UNIVERSITY OF IRELAND SINCE ITS ESTABLISHMENT.

The names of those who were disqualified by University standing, or age, are printed in *Italics*.

JUNIOR FELLOWSHIPS.

- Morton, William B., M.A., in Mathematics, 1894.
 Woodburn, George, M.A., in Mental and Moral Science, 1894.
 M'Elderry, Robert K., M.A., in Classics, 1896.
 Donnan, Frederick G., M.A., in Chemistry, with Experimental Physics, 1897.
 Houston, William A., M.A., in Mathematics, 1898.
 Henry, Robert M., M.A., in Classics, 1900.
 Magill, Robert, M.A., in Mental and Moral Science, 1900.

UNIVERSITY STUDENTSHIPS.

- Tate, James, in Mathematics, 1883, £100 for five years.
 McQuitty, William B., in Experimental Science, 1884, £100 for five years.
 FitzHenry, William A., in Mental and Moral Science, 1885, £100 for five years.
 Boyd, Andrew, in Civil and Constitutional History, Jurisprudence, and Political Philosophy, 1886, £100 for five years.
 Orr, William McFadden, in Mathematics, 1887, £100 for five years.
 Rowan, William H., in Classics, 1889, £100 for three years.
 Woodburn, George, in Mental and Moral Science, 1889, £100 for three years.
 Montgomery, Robert, in Classics, 1891, £100 for three years.
 Haslett, Thomas, in Mental and Moral Science, 1891, £100 for three years.
 Morton, William B., in Mathematical Science, 1892, £100 for three years.
 Moore, Benjamin, in Experimental Science, 1892, £100 for three years.
 McElderry, Robert K., in Classics, 1893, £100 for three years.
 Cochrane, John, in History and Political Science, 1893, £100 for three years.
 Donnan, Frederick G., in Experimental Science, 1894, £100 for three years.
 Leatham, John G., in Mathematical Science, 1895, £100 for three years.
 Magill, Robert, in Mental and Moral Science, 1896, £100 for three years.
 Houston, William A., in Mathematical Science, 1896, £100 for three years.
 Gillespie, John R., in Experimental Science, 1896, £100 for three years.
 Henry, Robert M., in Classics, 1898, £100 for three years.
 Rice, James, B.A., in Mathematical Science, 1900, £100 for three years.
 Edgar, John H., B.A., in History and Political Science, 1901, £100 for three years.
 Vinycomb, Thomas B., B.A., in Mathematical Science, 1901, £100 for three years.
 Corkey, William, M.A., in Mental and Moral Science, 1902, £100 for three years.

UNIVERSITY MEDICAL STUDENTSHIPS.

- Johnstone, Robert J., 1896, £200 for two years.
 Houston, Thomas, 1898, £200 for two years.
 Allen, Robert, M.B., 1900, £200 for two years.

SPECIAL PRIZE AT MEDICAL STUDENTSHIP EXAMINATION.

- Beatty, Robert M., B.A., M.B., Special Prize, 1902, £50.

UNIVERSITY SCHOLARSHIPS.

- Orr, William M.F., in Mathematics, 1883, £50 for three years.
 Johnson, William S., in Classics, 1884, £50 for three years.
 Alexander, John J., in Mathematics, 1884, £50 for three years.
 Everett, Alice, in Mathematics, 1885, £50 for three years.
 Porter, William H., in Classics, 1886, £50 for three years.
 Haslett, William W., in Classics, 1886, £50 for three years.
 Williamson, William H., in Mathematics, 1886, £50 for three years.
 Major, Harold W., in Mathematics, 1886, £50 for three years.
 Stoupe, Margaret, Second Class in Classics, 1898, £20 for three years.
 McDonnell, John, First Class in Mathematics, 1898, £40 for three years.
 Jamison, Robert, Second Class in Mathematics, 1900, £20 for three years.
 Beatty, Richard T., Second Class in Mathematics, 1901, £20 for three years.
 Bull, James A. E., Second Class in Mathematics, 1902, £20 for three years.

DR. HENRY HUTCHINSON STEWART SCHOLARSHIPS.

Wilson, Mary, in Arts, 1886.
 Baxter, James S., in Arts, 1890.
 Woods, William J., in Medicine, 1890.
 Chapman, Agnes H., in Arts, 1892.
 Lyle, Thomas, in Medicine, 1900.
 Graham, Robert A. L., in Mental Diseases, 1900.
 Wilson, William J., in Medicine, 1901.
 Dickey, James S., in Medicine, 1902.

MEDALS AND PRIZES AT M.A. EXAMINATION.

Louden, James, a Gold Medal, 1884.
 Boyd, Andrew, a Special Prize, 1885, £20.
 FitzHenry, William A., a Gold Medal, 1885.
 M'Quitty, William B., a Special Prize, 1885, £20.
 Hunter, James, a Special Prize, 1886, £50.
 Orr, William McF., a Gold Medal, 1887.
 Campbell, John E., a Special Prize, 1887, £50.
 Woodburn, George, a Gold Medal, 1889.
 Witherow, James M., a Special Prize, 1891, £50.
 Haslett, William W., Special Prize, 1892, £50.
 Heron, Richard C., Special Prize, 1893, £40.
 Magill, Robert, a Gold Medal and Special Prize, 1895, £50.

EXHIBITIONS AT B.A. EXAMINATION.

<i>Harrison, Thomas</i> , First Class Exhibition, 1882,	—
<i>Johnston, John</i> , " " "	£50.
<i>Jones, Robert M.</i> , " " "	£50.
<i>M'Vicker, John W.</i> , " " "	£50.
<i>Campbell, John E.</i> , " " 1883.	£50.
<i>Darbishire, Herbert D.</i> , " " "	£50.
<i>Hunter, James</i> , " " "	£50.
<i>Louden, James</i> , " " "	£50.
<i>Campbell, John</i> , Second Class " "	£25.
<i>Chambers, Joseph</i> , " " "	—
<i>Boyd, Andrew</i> , First Class " 1884,	£50
<i>Boyd, Robert W.</i> , " " "	—
<i>FitzHenry, William A.</i> , " " "	£50.
<i>M'Quitty, William B.</i> , " " "	£50.
<i>Glass, Thomas</i> , Second Class " "	—
<i>Henderson, Robert</i> , " " "	£25.
<i>Killen, William M.</i> , " " "	£25.
<i>M'Anlis, Thomas</i> , " " "	£25.
<i>Russell, William A.</i> , " " "	£25.
<i>Cummins, David</i> , First Class " 1885,	—
<i>Orr, William M'F.</i> , " " "	£50.
<i>Orr, William M'F.</i> , Special Prize, " "	£50.
<i>Rea, James C.</i> , First Class Exhibition, " "	—
<i>Russell, William</i> , " " "	£50.
<i>Stewart, Thomas</i> , " " "	£50.
<i>Vance, John</i> , " " "	£50.
<i>Cromie, Edward S.</i> , Second Class " "	£25.
<i>Dill, Alexander H.</i> , " " "	—
<i>Donald, Robert J. F.</i> , " " "	—
<i>Fitzsimons, James H.</i> , " " "	£25.
<i>M'Neill, Robert</i> , " " "	£25

EXHIBITIONS AT B.A. EXAMINATION—*con.*

Priestley, James, Second Class Exhibition,	1885, £25.
Alexander, John J., First Class	" 1886, £50.
Dunn, William,	" " £50.
Johnson, William S.,	" " £50.
Wheeler, George H.,	" " £50.
Jamison, Daniel, Second Class	" " £25.
Montgomery, Robert,	" " —
Rowan, William H., First Class	" 1887, £50
Brown, Richard K., Second Class Exhibition,	" —
Browne, James A.,	" " £25.
Campbell, Robert,	" " £25.
Henderson, William,	" " £25.
Keightley, Frederick R.,	" " —
McConnell, James,	" " —
Salter, James,	" " —
Wilson, Mary,	" " £25.
Allison, William M. B., First Class	" 1888, £50.
Haslett, William W.,	" " £50.
Stewart, James A.,	" " £50.
Woodburn, George,	" " £50.
Adams, John J., Second Class	" " £25.
Jackson, Maud S.,	" " —
Montgomery, Robert,	" " £25.
Semple, John,	" " —
Williamson, William H.,	" " £25
Archer, James H., First Class	" 1889, £42.
Entrican, Sara,	" " —
Hazlett, Thomas,	" " £42.
Kirk, Thomas S.,	" " £42.
Morton, William B.,	" " £42.
Wetherow, James M.,	" " £42.
Wood, Jackson,	" " —
Cotter, William E. P., Second Class	" " £21.
Leatham, Robert R. L.,	" " £21.
Hanna, William, First Class	" 1890, £42.
Heron, Richard C.,	" " £42.
Cochrane, John, Second Class	" " £21.
Lee, James,	" " £21.
McKee, Robert B.,	" " —
Moore, Benjamin,	" " £21.
Walker, James,	" " £21.
Wylie, John,	" " —
Leatham, John G., First Class	" 1891, £42.
McElderry, Robert K.,	" " £42.
Baxter, James S., Second Class	" " £21.
Bradshaw, James M.,	" " £21.
Heron, James, B., B.E.,	" " —
Ashmore, Richard H., First Class	" 1892, £42.
Donnan, Frederick G.,	" " £42.
Houston, William A.,	" " £42.
Gillespie, James T., Second Class	" " £21.
Morell, David E.,	" " £21.
O'Neill, Frederick W. S.,	" " £21.
Chapman, Agnes S., First Class	" 1893, £42.
Gillespie, John R.,	" " £42.
Hanna, Henry,	" " £42.
Henry, Robert M.,	" " £42.
Rodgers, William,	" " £42.
Johnstone, Robt. J., Second Class	" " £21.
Martin, Thomas,	" " £21.
Sayers, Willielma J.,	" " £21.
Locke, George T., First Class,	" 1894, £42.

EXHIBITIONS AT B.A. EXAMINATION—*con.*

M'Mullan, John J.,	First Class Exhibition,	1894, £42
Magill, Robert,	"	" £42
Buchanan, James L.,	Second Class	" £21.
Miskelly, William,	"	" £21.
M'Culla, James,	First Class	1895, £42
Wallace, John S.,	"	" £42.
Brown, John W.,	Second Class	" £21.
Buchanan, Alexander C.,	"	" £21.
Haire, James,	"	" £21.
M'Bride, James A.,	"	" —
Megaw, John W. D.,	"	" £21.
Purvis, William J.,	"	" £21.
Rice, James,	First Class	1896, £42.
Beare, Thomas J.,	Second Class	" £21.
Donald, Albert L.,	"	" —
Graham, Robert A. L.,	"	" £21.
Hamill, William D.,	"	" £21.
Leathem, William H.,	"	" £21.
Dunn, Andrew,	First Class	1897, —
Seymour, Henry J.,	"	" —
Stoups, William,	"	" —
Armstrong, Fred. W.,	Second Class	" £21.
Caldwell, William	"	" —
Harvey, Thomas E.,	"	" £21.
M'Mordie, David,	"	" £21.
Paul, Francis J.,	"	" £21.
Porter, Samuel C.,	"	" £21.
Turl, William H. C. W.,	"	" £21.
Hawthorne, John,	First Class,	1898, £42.
M'Cutcheon, Catherine S. H.,	Second Class	" £21.
M'Kinstry, Archibald,	"	" £21.
Peden, Thomas M.,	"	" £21.
Tombs, Archibald S.,	"	" £21.
Greer, Robert F.,	First Class	1899, £42.
Smyth, Samuel A.,	"	" £42.
Vinecomb, Thomas B.,	"	" £42.
Black, Albert L.,	Second Class	" —
Clark, Andrew,	"	" £21.
Cunningham, John A.,	"	" £21.
Glover, James S.,	"	" £21.
Greeves, Reginald A.,	First Class	1900, —
Killen, Thomas,	"	" £42.
M'Donnell, John,	"	" £42.
Carnwath, Thomas,	Second Class	" £21.
Edgar, John H.,	"	" £21.
Knox, William G.,	"	" £21.
M'Cullough, Reid,	"	" £21.
Hawthorne, William,	First Class	1901, £42.
Houston, Robert M.,	"	" £42.
Kerr, Hugh,	"	" £42.
Brewster, John,	Second Class	" £21.
Hagan, Edward J.,	"	" £21.
Johaston, Henry M.,	"	" —
Leighton, Robert H.,	"	" £21.
M'Kee, Phineas,	"	" £21.
Thomson, Laurence W.,	"	" £21.
Corkey, Robert,	First Class	1902, £42.
Wilson, William J.,	"	" £42.
Ferguson, Hugh R. M.,	Second Class	" £21.
Hamilton, John E.,	"	" £21.
Totton, Joseph H.,	"	" —

EXHIBITIONS AT SECOND ARTS EXAMINATION.

Russell, William A., First Class Exhibition,	1882,	£40.
Darbishire, Herbert D., Second Class "	"	£20.
Hunter, James, " "	"	£20.
Campbell, John E., " "	"	£20.
Lennox, Malcolm E. M., First Class "	1883,	£40.
Donald, Robert J. F., Second Class "	"	£20.
Rea, James C., " "	"	—
Orr, William M'F., First Class "	1884,	£40.
M'Neill, Robert, " "	"	£40.
Cromie, Edward S., Second Class "	"	£20.
Anderson, Alice M., " "	"	£20.
Haslett, Annie W., " "	"	£20.
Priestley, James, " "	"	£20.
Johnson, William S., First Class "	1885,	£40.
Wheeler, George H., Second Class "	"	£20.
Brown, George W., " "	"	£20.
Macdonnell, Adam J. P., " "	"	£20.
Irwin, William, First Class "	"	£20.
Dick, John S., " "	"	£20.
Rowan, William H., " "	1886,	£40.
Luke, Edward H., " "	"	£40.
Montgomery, Robert, " "	"	£40.
Steen, David M., " "	"	£40.
Semple, John, Second Class "	"	—
Campbell, Robert, " "	"	£20.
Everett, Alice, " "	"	£20.
Padlow, Thos B., " "	"	£20.
Wylie, John, " "	"	£20.
Jamison, Alexander, " "	"	£20.
Haslett, William W., First Class "	1887,	£40.
Stewart, James A., " "	"	£40.
Cotter, William E. P., Second Class "	"	£20.
Williamson, William H., " "	"	£20.
Hamill, James, " "	"	£20.
Morton, William B., First Class "	1888,	£40.
Archer, James H., " "	"	£40.
Lee, James, " "	"	£40.
Megaw, Robert D., Second Class "	"	£20.
Dickie, Alexander A., " "	"	£20.
Enrican, Sara, " "	"	—
Bradshaw, James M., First Class "	1889,	£36.
Moore, Benjamin, Second Class "	"	£18.
Walker, James, " "	"	£18.
M'Cracken, William J., " "	"	£18.
Heron, Richard C., " "	"	£18.
Donald, Albert L., " "	"	£18.
Houston, Thomas, " "	"	£18.
Leathem, John G., First Class "	1890,	£36.
Gillespie, James T., " "	"	£36.
M'Elderry, Robert K., " "	"	£36.
Baxter, James S., " "	"	£36.
Toye, Thomas, Second Class "	"	£18.
Gillespie, Samuel, " "	"	£18.
Megaw, David, " "	"	£18.
Fullerton, William A., " "	"	£18.
Wilson, William A., " "	"	£18.
Donnan, Frederick G., First Class "	1891,	£36.
Ashmore, Richard H., " "	"	£36.
Houston, William A., " "	"	£36.
M'Kitrick, Alex., Second Class "	"	£18.
Porter, John A., " "	"	£18.

EXHIBITIONS AT SECOND ARTS EXAMINATION—*con.*

Rowan, Marriott L.,	Second Class Exhibition,	1891,	£18.
Gillespie, John R.,	First Class	1892,	£36.
Rodgers, William,	" "	"	£36.
Crawford, William M.,	" "	"	£36.
M'Cutcheon, Robt. R.,	Second Class	"	£18.
Reid, David D.,	" "	"	£18.
Pyper, John,	" "	"	£18.
Henry, Robert M.,	" "	"	£18.
Locke, George T.,	First Class	1893,	£36.
Boas, Walter P.,	" "	"	£36.
Miskelly, William,	" "	"	£36.
Buchanan, James L.,	Second Class	"	£18.
Minford, John Y.,	" "	"	£18.
M'Culla, James,	First Class	1894,	£36.
Miskelly, Samuel S.,	" "	"	£36.
Buchanan, Alexander C.,	" "	"	£36.
Purvis, William J.,	Second Class	"	£18.
Ricc, James,	First Class	1895,	£36.
Leathem, William H.,	" "	1895,	£36.
Beare, Thomas J.,	Second Class	"	£18.
M'Neill, William,	" "	"	£18.
Fullerton, Joseph A.,	" "	"	£18.
Paul, Francis J.,	First Class	1896,	£36.
Armstrong, Fredk. W.,	Second Class	"	£18.
Porter, Samuel C.,	" "	"	£18.
Harvey, Thomas E.,	" "	"	£18.
M'Cutcheon, Katherine S.H.,	" "	"	£18.
Wilson, George,	First Class	1897	£36.
Smyth, Samuel W.,	Second Class	"	£18.
Tombe, Archibald,	" "	"	£18.
Stewart, Samuel E.,	" "	"	£18.
Sinclair, William T.,	" "	"	£18.
Greer, Robert T.,	First Class	1898,	£36.
Glover, James S.,	" "	"	£36.
Martin, James R.,	" "	"	£36.
Elliott, George R.,	Second Class	"	£18.
Clark, Andrew,	" "	"	£18.
Vinycomb, Thomas B.,	" "	"	£18.
Waddell, John,	" "	"	£18.
Kerr, Hugh,	First Class	1899,	£36.
M'Cullagh, Reid,	Second Class	"	£18.
Ferguson, James,	" "	"	£18.
Hagan, Edward J.,	" "	1900,	£18.
Hawthorne, William,	" "	"	£18.
Smiley, Sara R. B.,	" "	"	£18.
M'Kee, Phineas,	" "	"	£18.
Houston, Robert M.,	" "	"	£18.
Kelly, James J.,	" "	"	£18.
Johnston, John,	First Class	1901,	£36.
Leathem, George,	" "	"	£36.
Johnston, Thomas A.,	Second Class	"	£18.
Ferguson, Hugh R. M.,	" "	"	£18.
Jamison, Robert,	" "	"	£18.
Beatty, Richard T.,	First Class	1902,	£36.
Riddell, James R.,	" "	"	£36.
Scandrett, Richard,	Second Class	"	£18.
Huston, Marshall F.,	" "	"	£18.
Stevenson, James,	" "	"	£18.

EXHIBITIONS AT FIRST UNIVERSITY EXAMINATION.

Gorman, Wm. T., Second Class Exhibition, 1882,	£15.
Keane, Albert T., " " "	£15.
M'Neill, Robert, First Class " 1883,	£30.
Orr, William M'F., " " "	£30.
Cromie, Edward S., Second Class " "	£15.
Anderson, Alice M., " " "	£15.
Brown, George W., First Class " 1884,	£30.
Wheeler, George H., Second Class " "	£15.
Morton, Hamilton, " " "	£15.
Alexander, John J., " " "	£15.
Irwin, William, " " "	£15.
Dick, John S., " " "	£15.
Semple, John, First Class " 1885,	—
Everett, Alice, " " "	£30.
Montgomery, Robert, " " "	£30.
Rowan, William H., " " "	£30.
Luke, Edward H., " " "	£30.
Campbell, Robert, Second Class " "	£15.
Pedlow, Thomas B., " " 1886,	£15.
Hamill, James, " " "	£15.
Jamison, Alexander, " " "	£15.
Haslett, Wm. W., First Class " "	£30.
Williamson, Wm. H., " " "	£30.
Cotter, Wm. E. P., Second Class " "	£15.
Allison, Wm. M. B., " " "	£15.
Stewart, James A., " " "	£15.
Morton, Wm. B., First Class " 1887,	£30.
Archer, James H., " " "	£30.
Lee, James, " " "	£30.
Dickie, Alex. A., Second Class " "	£15.
Megaw, Robert D., " " "	£15.
Donald, Albert L., " " "	£15.
Heron, Richard C., First Class " 1888,	£30.
Bradshaw, James M., " " "	£30.
Woods, William J., Second Class " "	£15.
Cochrane, John, " " "	£15.
M'Cracken, William J., " " "	£15.
Leathem, John G., First Class " 1889,	£30.
Gillespie, James T., " " "	£30.
M'Elderry, Robert K., " " "	£30.
Fullerton, William A., " " "	£30.
Baxter, James S., " " "	£30.
Megaw, David, Second Class " "	£15.
Gillespie, Samuel, " " "	£15.
Marjoribanks, Norman E., " " "	£15.
Donnan, Frederick G., First Class " 1890,	£30.
Houston, William A., " " "	£30.
Ashmore, Richard H., " " "	£30.
M'Kitrick, Alexander, " " "	£30.
Porter, John A., Second Class " "	£18.
M'Cutcheon, Oliver E., " " "	£18.
M'Mullan, Frederick, " " "	£18.
Bingham, Robert W., " " "	£18.
Mercier, Daniel P., " " "	£18.
Rowan, Marriott L., " " "	£18.
Gillespie, John R., First Class " 1891,	£30.
Pyper, John, " " "	£30.
Woodburn, James B., " " "	£30.
M'Cutcheon, Robert R., Second Class " "	£15.
Johnstone, Robert J., " " "	£15.
Clements, Mary E., " " "	£15.

EXHIBITIONS AT FIRST UNIVERSITY EXAMINATION—con.

Boas, Walter P.,	First Class Exhibition,	1892,	£30.
Locke, George T.,	"	"	£30.
Harvey, Francis W.,	"	"	£30.
Adams, John,	"	"	£30.
M'Culla, James,	"	"	£30.
Miskelly, William,	"	"	£30.
Buchanan, James L.,	Second Class	"	£15
Minford, John G.,	"	"	£15.
Clements, William T.,	"	"	£15.
Miskelly, Samuel S.,	First Class	1893,	£30
Purvis, William J.,	Second Class	"	£15.
Buchanan, Alexander C.,	"	"	£15.
Megaw, John W. D.,	"	"	£15
Atkinson, George C.,	"	"	£15.
Brown, John W.,	"	"	£15.
Rice, James,	First Class	1894,	£30.
Fullerton, Joseph A.,	Second Class	"	£15.
Leathem, William H.,	"	"	£15.
M'Neill, William,	"	"	£15.
Todd, Ebenezer W.,	"	"	£15.
Scott, James B.,	"	"	£15.
Hilton, Robert,	"	"	£15.
M'Cutcheon, Katherine S. H.,	First Class	1895,	£30.
Paul, Francis J.,	"	"	£30.
Harvey, Thomas E.,	"	1895,	£30.
Porter, Samuel C.,	"	"	£30.
Macafee, William,	"	"	£30.
Armstrong, Frederick W.,	"	"	£30.
Minford, William,	Second Class	"	£15.
Stoops, William A.,	"	"	—
Hawthorne, John,	"	"	£15.
Smyth, Samuel A.,	First Class	1896,	£30.
Spence, John A.,	"	"	£30.
Stewart Samuel E.,	Second Class	"	£15.
Wilson, George,	"	"	£15
Woods, James.	"	"	£15.
Peden, Thomas U.,	"	"	£15.
Sinclair, William T.,	"	"	£15.
Jennings, Christian,	"	"	£15.
Vinycornb, Thomas B.,	First Class	1897,	£30.
Elliott, George R.,	"	"	£30.
Martin, James R.,	"	"	£30.
Greer, Robert F.,	Second Class	"	£15.
Gillespie, Alfred J.,	"	"	£15.
Waddell, John,	"	"	£15.
Carnwath, Thomas,	"	"	£15.
Malet, Christopher L.,	"	"	£15.
Clark, Andrew,	"	"	£15.
Adamson, Francis L.,	First Class	1898,	£30.
Kerr, Hugh,	"	"	£30.
Stoupe, Margaret,	Second Class	"	£15.
M'Donnell, John,	"	"	£15.
Ferguson, James,	"	"	£15.
Knox, William G.,	"	"	£15.
Rutherford, John F.,	"	"	£15.
M'Cullough, Reid,	"	"	£15.
Houston, Robert M.,	First Class	1899,	£30.
Hawthorne, William,	"	"	£30.
M'Kee, Phineas,	"	"	£30.
Hagan, Edward J.,	"	"	£30.
Wilson, William J.,	"	"	£30.

EXHIBITIONS AT FIRST UNIVERSITY EXAMINATION—*con.*

Smiley, Sara R. B.,	Second Class Exhibition, 1899,	£15.
Madill, James M. M.,	" " "	£15.
Houston, Charles C.,	" " "	£15.
Leathem, George,	First Class " 1900,	£30.
Jamison, Robert,	" " "	£30.
Johnston, John,	Second Class, " "	£15.
Shillington, Margaret,	" " "	£15.
Arnold, John C.,	" " "	£15.
Johnston, Thomas A.,	" " "	£15.
Stewart, Herbert L.,	First Class " 1901,	£30.
Beatty, Richard T.,	" " "	£30.
Riddell, James R.,	" " "	£30.
Huston, Marshall F.,	" " "	£30.
Scandrett, Richard,	Second Class " "	£15.
Ball, James A. E.,	First Class " 1902,	£30.
M'Connell, Samuel J.,	" " "	£30.
M'Cullough, Barkley,	Second Class " "	£15.

MEDAL AT LL.D. EXAMINATION.

Stephenson, George A., a Gold Medal, 1900.

PRIZES AND EXHIBITIONS AT LL.B. EXAMINATION.

Strahan, James A.,	A Prize, 1882,	£50.
Corr, William R.,	" " "	£25.
Watts, William N.,	" 1883,	£25.
Hamilton, Andrew B.,	" 1884,	£50.
Nelson, Thomas E.,	" " "	£25.
Harrison, Thomas,	" 1885,	£50.
Forbes, John,	" " "	£25.
Turnbull, Martin H.,	" 1886,	£25.
Gibson, Thomas H.,	" 1889,	£21.
Johnston, William J.,	" 1891,	£21.
Megaw, Robert D.,	" 1892,	£42.
M'Cormick, Isaac W.,	" " "	£21.
Archer, James H.,	Second Class Exhibition, 1893,	£21.
M'Cutcheon, Robert R.,	First Class " 1898,	£42.
Buchanan, James L.,	Second Class " 1901,	£21.

PRIZES AND EXHIBITIONS AT FIRST EXAMINATION IN LAW.

Megaw, Robert D.,	A Prize, 1891,	£20.
Robb, Frederick J.,	" 1892,	£10.
Morell, David E.,	First Class Exhibition, 1894,	£20.
M'Cutcheon, Robert R.,	Second Class " 1895,	£10.
Allen, David,	" " 1897,	£10.
Farrell, Thomas J., B.A.,	" " 1900,	£10.
Porter, Samuel C., M.A.,	" " 1902,	£10.
Leighton, Robert H., B.A.,	" " "	£10.

MEDALS AT M.D. EXAMINATION.

Donnan, William D.,	a Gold Medal,	1897.
Houston, Thomas, B.A.,	a Gold Medal	1899.

SPECIAL PRIZE AT M.CH. EXAMINATION.

Cowden, William J., Special Prize, 1885, £20.

SPECIAL PRIZE AT M.A.O. EXAMINATION.

Redfern, John J., Special Prize, 1885, £20.

EXHIBITIONS AT M.B. EXAMINATION.

<i>White, William</i> , Second Class Exhibition, 1884,	—
<i>Grainger, Thomas</i> , " " "	£25.
<i>Redfern, John J.</i> , First Class " 1885,	£50.
<i>Thomson, George S.</i> , Second Class " 1886,	£25.
<i>M'Kisack, Henry L.</i> , " " 1887,	£25.

EXHIBITIONS AT M.B., B.CH. AND B.A.O. EXAMINATIONS.

<i>Haslett, Robert W.</i> , Second Class Exhibition,	1889,	—
<i>Fullerton, Andrew</i> , First Class " "	1890,	£40.
<i>Campbell, Robert</i> , Second Class " "	1892,	£25.
<i>Woods, William J.</i> , " " "	1893,	£25.
<i>Thompson, William D. T.</i> , " " "	1894,	£25.
<i>Watt, Robert</i> , " " "	" "	£25.
<i>Craig, James A.</i> , First Class " "	1895,	£40.
<i>Houston, Thomas</i> , Second Class " "	" "	£25.
<i>Smyth, Walter S.</i> , First Class " "	1896,	£40.
<i>Johnstone, Robert J.</i> , B.A., Second Class " "	" "	£25.
<i>M'Cully, Andrew L.</i> , First Class " "	1897,	£40.
<i>Robertson, Walter B.</i> , Second Class " "	" "	£25.
<i>M'Cay, David</i> , " " "	1898,	£25.
<i>Megaw, John W. D.</i> , B.A., First Class " "	1899,	£40.
<i>Steen, Robert</i> , Second Class " "	" "	£25.
<i>Rankin, John C.</i> , First Class " "	1900,	£40.
<i>M'Carrison, Robert</i> , Second Class " "	" "	£25.
<i>Steen, Hugh B.</i> , " " "	" "	£25.
<i>MacIlwaine, John E.</i> , First Class " "	1901,	£40.
<i>Radcliffe, John A. D.</i> , " " "	" "	£40.
<i>M'Mordie, David</i> , B.A., Second Class " "	" "	£25.
<i>Phillips, Walter</i> , B.A., First Class " "	1902,	£40.
<i>Armstrong, John</i> , Second Class " "	" "	£25.

EXHIBITIONS AT THIRD EXAMINATION IN MEDICINE.

<i>Hall, John M.</i> , First Class Exhibition, 1888,	—
<i>Griffith, Patrick G.</i> , Second Class " 1889,	—
<i>Fullerton, Andrew</i> , " " "	£20.
<i>Woods, William J.</i> , First Class " 1891,	£30.
<i>Jamison, Alexander</i> , Second Class " "	£20.
<i>Leathem, Robert R. L.</i> , " " "	£20.
<i>M'Keown, Robert J.</i> , " " 1892,	£20.
<i>Watt, Robert</i> , " " "	£20.
<i>Craig, James A.</i> , First Class " 1893,	£30.
<i>Graham, Robert A. L.</i> , Second Class " 1897,	£20.
<i>Megaw, John W. D.</i> , " " "	£20.
<i>Hunter, William M.</i> , " " "	£20.
<i>West, John W.</i> , " " "	£20.
<i>MacIlwaine, John E.</i> , First Class " 1898,	£30.
<i>Radcliffe, John A. D.</i> , Second Class " "	£20.
<i>M'Mordie, David</i> , B.A. " 1899,	£20.
<i>Armstrong, John</i> , " " "	£20.

EXHIBITIONS AT THIRD EXAMINATION IN MEDICINE—*con.*

Johnston, Henry M.,	First Class Exhibition, 1900,	£30
Phillips, Walter, B.A.,	Second Class "	£20.
Lyle, Thomas,	First Class "	1901. £30.
Carnwath, Thos., B.A.,	Second Class "	£20.

EXHIBITIONS AT SECOND EXAMINATION IN MEDICINE.

Chambers, James,	First Class Exhibition, 1882,	—
Grainger, Thomas,	Second Class "	£20.
M'Quitty, William B.,	First Class "	1883. £40.
Buchanan, Andrew,	Second Class "	£20.
Woods, Edmund M'N.,	" "	1884. £20.
Weatherup, William,	" "	1885 £20.
Hall, John M.,	First Class "	1886, —
Fullerton, Andrew,	Second Class "	1888, £15.
Robertson, Walter B.,	" "	1890, £15.
Jamison, Alex.,	" "	1890, £15.
Woods, William J.,	First Class "	£25.
Craig, James A.,	Second Class "	1892, £15.
MacKeown, William J.,	First Class "	1893, £25.
Beggs, Samuel T.,	Second Class "	1893, £15.
MacIlwaine, John E.,	" "	1897, £15.
M'Mordie, David,	" "	1898, £15
Black, Albert L.,	" "	£15.
Phillips, Walter, B.A.,	" "	1899, £15.
Johnston, Henry M.,	" "	£15.
Lyle, Thomas,	First Class "	1900, £25.
Wilson, William J.,	" "	1901, £25.
Dickey, James S.,	" "	1902, £25.

EXHIBITIONS AT FIRST EXAMINATION IN MEDICINE.

Haslett, Robert W.,	First Class Exhibition, 1884,	£30.
Smiley, David C.,	Second Class "	£15.
Morton, Hamilton,	First Class "	1885, £30.
Wilson, Robert,	Second Class "	£15.
Robertson, Walter B.,	First Class "	1888, £20.
Moore, Benjamin,	" "	1890, —
Houston, Thomas,	" "	1891, —
Osborne, William A.,	" "	1892, £20.
Johnstone, Robert J.,	Second Class "	£10.
Hanna, Henry,	First Class "	1893, £20.
Scott, John,	Second Class "	£10.
M'Mordie, David,	First Class "	1896, £20.
Black, Albert L.,	Second Class "	£10.
Phillips, Walter,	" "	1897, £10.
M'Clatchey, John,	" "	1898, —
Johnston, Henry M.,	" "	£10
M'Pherson, Joseph C.,	" "	1899, —
Wilson, William J.,	First Class "	1900, £20.
Spence, Robert J.,	Second Class "	£10.
Dickey, James S.,	First Class "	1901, £20.
M'Kee, William A.,	" "	£20.
Jamison, Robert,	Second Class,	" £10
Leighton, William J.,	" "	£10.
Harvey, Charles R.,	" "	1902, £10.
Knight, Charles G.,	" "	£10.

EXHIBITIONS AT B.E. EXAMINATION.

Burden, Alexander M.,	First Class Exhibition,	1885,	£50.
Heron, James,	A Prize,	"	£20.
Graham, John,	Second Class Exhibition,	1887,	£25.
Phillips, James St. J.,	"	1890,	£21.
Sides, John F.,	First Class	"	1895, £42.
Gailey, Thomas A.,	"	"	1896, £42.
Orr, William R.,	Second Class	"	£31.
Bell, Arthur L.,	"	"	1900, £21.
Alexander, C. W. L.,	"	"	1901, £21.
Stewart, Thos. B., B.A.	"	"	1902, £21.

EXHIBITIONS AT SECOND EXAMINATION IN ENGINEERING.

Tate, Charles L.,	First Class Exhibition,	1884,	£20 Prize.
Burden, Alexander M.,	"	"	£40.
Heron, James,	Second Class	"	£30.
Anderson, Joshua T. N.,	"	1885,	£20.
Graham, John,	"	1886,	£20.
Greer, Robert T.,	"	1891,	£18.
Sides, John F.,	First Class	"	1894, £36.
Gailey, Thomas A.,	"	"	1895, £36.
Hawthorne, William, B.A.,	"	"	1902, —

EXHIBITIONS AT FIRST EXAMINATION IN ENGINEERING.

Burden, Alexander M.,	First Class Exhibition,	1883,	£30.
Heron, James,	Second Class	"	£15.
Anderson, Joshua T. N.,	"	1884,	£15.
Graham, John,	"	1885,	£15.
Moore, Benjamin,	"	1888,	£15.
Megaw, David,	"	1892,	—
Sides, John F.,	"	1893,	£15.
Gailey, Thomas A.,	First Class	"	1894, £30
Hawthorne, William,	"	"	1900, —
Miller, John,	Second Class	"	1902, —

TABLE X.—List of Sundry Students of the COLLEGE who have since 1st January, 1881, obtained distinctions in Universities other than the Royal University of IRELAND.

The date immediately following each name is that of the last Session in which the name of the Student appeared on the Roll of the College.

ECCLES, JOHN, M.A. R.U.I., M.A. Cantab. (1876-77).

1881. Wranglership, 14th place in the Mathematical Tripos, University of Cambridge.

NEWSOME, JAMES C., M.A. R.U.I., B.A. T.C.D. (1876-77).

1884. Scholarship (Classical), Trinity College, Dublin.

1887. Classical Studentship, Trinity College, Dublin.

CHARLES, ROBERT H., M.A. R.U.I., M.A. T.C.D. (1877-78).

1881. Senior Moderatorship in Classics, and Junior Moderatorship in Ethics and Logics, University of Dublin.

CORRY, THOMAS H., M.A. R.U.I., B.A. Cantab. (1877-78).

1881. Scholarship, Gonville and Caius College, Cambridge.

- JOHNSTON, WILLIAM J., M.A. R.U.I., B.A. T.C.D. (1877-78).
 1883. Senior Moderatorship in Mathematics and Physics, University of Dublin.
- WRIGHT, ALMROTH E., B.A., M.D. T.C.D. (1877-78).
 1882. Senior Moderatorship in Modern Literature, University of Dublin.
- KNOWLES, THOMAS T., M.A. R.U.I., M.A. Cantab. (1878-79).
 1882. Wranglership, 19th place in Mathematical Tripos, University of Cambridge.
- SEAYER, RICHARD W., M.A. R.U.I., B.A. T.C.D. (1879-80).
 1881. Scholarship (Classical), University of Dublin.
 1883. Senior Moderatorship in Ethics and Logics, and Junior Moderatorship in Classics, University of Dublin.
- REID, JAMES S., B.A. R.U.I. (1880-81).
 1882. Foundation Scholarship, Lincoln College, Oxford.
- McFARLAND, ROBERT A. H., M.A. R.U.I., B.A. Cantab. (1880-81).
 1882. Scholarship, Gonville and Caius College, Cambridge.
 1883. Wranglership, 9th place in Mathematical Tripos, University of Cambridge.
 " Exhibition, Gonville and Caius College, Cambridge.
- SEMPLE, ROBERT H., M.A. R.U.I., B.A. Cantab. (1880-81).
 1881. Sizarship, St. John's College, Cambridge.
 " Exhibition, Goldsmiths' Company, University of Cambridge.
 " Exhibition at First B.A. Examination in Mathematics, University of London.
- ANDERSON, WILLIAM O. F., M.A. R.U.I., B.A. Durham (1881-82).
 1882. Foundation Scholarship, University of Durham.
 " Newby Scholarship, University of Durham.
 1883. First Year Scholarship, University of Durham.
 " University Classical Scholarship, University of Durham.
 1884. Gabbet Prize for Essay on Moral Philosophy, University of Durham.
 Adam de Brome Exhibition, Oriel College, Oxford.
 1885. Second Class in Classical Moderations, University of Oxford.
 1887. Second Class in Final Classical School, University of Oxford.
- LARMOR, ALEXANDER, M.A. R.U.I., M.A. Cantab. (1881-82).
 1881. First Entrance Scholarship in Mathematics, Clare College, Cambridge.
 1883. Foundation Scholarship, Clare College, Cambridge.
 1884. Wranglership, 11th place in Mathematical Tripos, University of Cambridge.
 1885. Berkeley Fellowship, Owens College, Manchester.
 Fellowship, Clare College, Cambridge.
- CAMPBELL, ALBERT, B.A. Cantab. (1882-83).
 1884. Foundation Scholarship, Corpus Christi College, Cambridge.
 1885. First Senior Optime, University of Cambridge.
- McVICKER, JOHN W., B.A. R.U.I. (1882-83).
 1883. Exhibition in Mathematics, Worcester College, Oxford.
- STEWART, DAVID A., M.A. R.U.I., M.A. Cantab. (1882-83).
 1881. First Mathematical Scholarship, Caius College, Cambridge.
 1883. Foundation Scholarship, Caius College, Cambridge.
 " Mathematical Scholarship, University of London.
 " Goldsmith Exhibition, University of Cambridge.

- RUSSELL, WILLIAM A., B.A. R.U.I., B.A. Cantab. (1883-84).**
 1883. Exhibition, St. John's College, Cambridge.
 " Sizarship, St. John's College, Cambridge.
 1885. Goldsmith Exhibition, University of Cambridge.
 1886. Honours in Classical Tripos, University of Cambridge.
- CAMPBELL, JOHN E., M.A. R.U.I., M.A. Oxon. (1883-84).**
 1883. Mathematical Scholarship, Hertford College, Oxford.
 1885. Junior University Mathematical Scholarship, and First Class in Mathematical Moderations, University of Oxford.
 1887. First Class in Final Mathematical School, University of Oxford.
 1887. Fellowship, Hertford College, Oxford.
 1888. Senior Mathematical Scholarship, University of Oxford.
- DARBISHIRE, HERBERT D., B.A. R.U.I., M.A. Cantab. (1883-84).**
 1883. Sizarship, St. John's College, Cambridge.
 1885. Honours in Classical Tripos, University of Cambridge.
 1888. Foundation Scholarship, St. John's College, Cambridge.
 1889. McMahon Law Scholarship, St. John's College, Cambridge.
 1892. Fellowship, St. John's College, Cambridge.
- BARNETT, RICHARD W., B.CH., M.A., B.C.L. Oxon. (1881-82).**
 1885. Third Class in Classical Moderations, University of Oxford.
 1887. Second Class in Jurisprudence, University of Oxford.
- ORR, WILLIAM M'F., M.A. R.U.I., M.A. Cantab. (1884-85).**
 1884. Foundation Scholarship, St. John's College, Cambridge.
 1886. Exhibition in St. John's College, Cambridge.
 1888. Senior Wrangler in Mathematical Tripos, University of Cambridge.
 1889. First Class in Mathematical Tripos, Part II.
- TATE, JAMES, M.A. R.U.I., B.A. Cantab. (1883-84).**
 1886. Sixteenth Wrangler, University of Cambridge.
 1886. Foundation Scholarship, St. John's College, Cambridge.
- STEED, BENJAMIN H., M.D. T.C.D. (1885-86).**
 1886. Science Scholarship, Trinity College, Dublin.
 1887. Mathematical Studentship, Trinity College, Dublin.
 1889. Bishop Law Mathematical Premium, Trinity College, Dublin.
- PORTER, WILLIAM H., B.A. Oxford (1885-86).**
 1887. Scholarship, Lincoln College, Oxford.
 1888. Goldsmith Exhibition, University of Oxford.
 1889. Second Class in Classical Moderations, University of Oxford.
 1891. Second Class in Final Classical School, University of Oxford.
 1893. Chancellor's Prize for English Prose Essay, University of Oxford.
- GREGG, JAMES, M.A. R.U.I., M.A. T.C.D. (1880-81).**
 1888. First Science Scholarship, Trinity College, Dublin.
- LUKE, EDWARD H., B.A. R.U.I. (1886-87).**
 1888. Classical Scholarship, Trinity College, Dublin.
- MAJOR, HAROLD W., B.A. R.U.I., B.A. Cantab. (1887-88).**
 1888. First Entrance Scholarship in Mathematics, Queen's College, Cambridge.
 1889. Foundation Scholarship in Mathematics, Queen's College, Cambridge.
 1891. Second Class Honours in Mathematical Tripos, University of Cambridge.

- MCBRIDE, ERNEST W.**, M.A. Cantab., B.Sc. Lond. (1887-88).
 1888. Entrance Exhibition, St. John's College, Cambridge.
 1889. Exhibition in Natural Science, St. John's College, Cambridge.
 1890. B.Sc. with First Class Honours and Exhibition in Natural Science, University of London.
 " First Class Honours at Natural Science Tripos, Part I., University of Cambridge.
 " Foundation Scholarship, St. John's College, Cambridge.
 1891. First Class Honours in Natural Science Tripos, Part II. University of Cambridge.
 " Hughes Prize, St. John's College, Cambridge.
 1892. Appointed Demonstrator in Natural Science at University of Cambridge.
 1893. Fellowship, St. John's College, Cambridge.
 " The Walsingham Medal for original work in Natural Science University of Cambridge.
 1899. D.Sc., University of London.
- HASLET, WILLIAM W.**, B.A. R.U.I., M.A. Cantab. (1888-89).
 1888. Entrance Exhibition, St. John's College, Cambridge.
 1890. Foundation Scholarship, St. John's College, Cambridge.
 1891. First Class Honours in Classical Tripos, Part I. University of Cambridge.
 1892. First Class Honours in Classical Tripos, Part II., University of Cambridge.
- MONTGOMERY, ROBERT**, M.A. R.U.I., B.A. Cantab. (1887-88).
 1889. Foundation Sizarship, and First Class Honours in Classics, Trinity College, Cambridge.
 1890. Foundation Scholarship, Trinity College, Cambridge.
 1891. First Class Honours in Classical Tripos, University of Cambridge.
- ALEXANDER, JOHN J.**, M.A. R.U.I., B.A. Cantab. (1887-88).
 1887. Entrance Exhibition, St. John's College, Cambridge.
 1889. Foundation Scholarship, St. John's College, Cambridge.
 1890. Wranglership, Seventh place in Mathematical Tripos, University of Cambridge.
- LEE, JAMES**, B.A. R.U.I. (1888-89).
 1889. Entrance Exhibition, St. John's College, Cambridge.
- MORTON, WILLIAM B.**, M.A. R.U.I., M.A. Cantab. (1888-89).
 1889. Entrance Exhibition, St. John's College, Cambridge.
 1891. Foundation Scholarship, St. John's College, Cambridge.
 1892. Wranglership, Eighth place in Mathematical Tripos, University of Cambridge.
- COTTER, WILLIAM E. P.**, B.A. R.U.I., M.A. T.C.D. (1888-89).
 1889. Classical Scholarship, Trinity College, Dublin.
- HEON, RICHARD C.**, M.A. R.U.I., B.A. Cantab. (1889-90).
 1889. Exhibition, St. John's College, Cambridge.
 1891. Goldsmith Exhibition, University of Cambridge.
 " Foundation Sizarship, St. John's College, Cambridge.
 1892. Foundation Scholarship, St. John's College, Cambridge.
 1893. Wranglership, Twentieth place in Mathematical Tripos, University of Cambridge.

STEWART, JAMES A., B.A. R.U.I. (1888-89).

1889. Exhibition, St. John's College, Cambridge.

1891. Foundation Scholarship, St. John's College, Cambridge.

KEIGHTLEY, FREDERICK R., B.A. R.U.I., B.A. Cantab. (1886-7).

1890. Third Class Honours in Historical Tripos, University of Cambridge.

LEATHEM, JOHN G., M.A. R.U.I., M.A. Cantab. (1890-91).

1891. Entrance Exhibition, St. John's College, Cambridge.

1894. Hughes Prize, St. John's College, Cambridge.

" Wranglership, Fourth place in Mathematical Tripos, University of Cambridge.

1895. First Division of First Class in Mathematical Tripos, Part II University of Cambridge.

" Sir Isaac Newton Studentship, University of Cambridge.

1896. Fellowship, St. John's College, Cambridge.

1899. D.Sc. and Granville Scholarship, University of London.

M'ELDERRY, ROBERT K., M.A. R.U.I., M.A. Cantab. (1890-91).

1891. Entrance Exhibition, St. John's College, Cambridge.

1893. Hughes Prize, St. John's College, Cambridge.

1894. First Class, 2nd Division, in Classical Tripos, Part I. University of Cambridge.

1895. First Class in Classical Tripos, Part II., University of Cambridge, with Star for distinguished answering in History Section.

1897. Fellowship, St. John's College, Cambridge.

M'VICKER, CHARLES EDWARD, B.A. Cantab., M.A. T.C.D. (1881-82).

1892. Wranglership, Seventeenth place in Mathematical Tripos, University of Cambridge.

BOAS, WALTER P., B.A. R.U.I. (1891-92).

1892. Entrance Exhibition, St. John's College, Cambridge.

1894. Exhibition, St. John's College, Cambridge.

HOUSTON, WILLIAM A., M.A. R.U.I., B.A. Cantab. (1891-92).

1892. Entrance Exhibition, St. John's College, Cambridge.

1894. Foundation Scholarship, St. John's College, Cambridge.

1896. Wranglership, Fifth place in Mathematical Tripos, University of Cambridge.

1897. First Class, First Division, in Mathematical Tripos, Part II., University of Cambridge.

1898. Second Smith's Prize.

1899. Fellowship, St. John's College, Cambridge.

LOCKE, GEORGE T., B.A. R.U.I., B.A. Cantab. (1893-94).

1894. Entrance Exhibition, St. John's College, Cambridge.

" Foundation Scholarship, St. John's College, Cambridge.

1897. Honours in Mathematical Tripos, Part I., University of Cambridge.

ROBB, ALFRED A., B.A. R.U.I., B.A. Cantab. (1893-94).

1894. Entrance Exhibition, St. John's College, Cambridge.

1897. Honours in Mathematical Tripos, Part I., University of Cambridge.

- CLEMENTS, WILLIAM T., B.A. Cantab. (1893-94).
 1894. Entrance Exhibition, St. John's College, Cambridge.
 1897. Honours in Mathematical Tripos, Part I., University of Cambridge.
- BAXTER, JAMES SINCLAIR, B.A. R.U.I., LL.B. London (1893-94).
 1894. LL.B. with First Class Honours, London University.
- MCGAW, ROBERT D., M.A., LL.B. R.U.I. (1892-93).
 1894. Prize of £50 for distinguished answering at the Examination for the Reid Professorship, Trinity College, Dublin.
- RICE, JAMES, B.A. R.U.I. (1895-96).
 1894. Entrance Exhibition, St. John's College, Cambridge.
- REID, DAVID D., B.A. Oxon. (1892-93).
 Scholarship in History, New College, Oxford.
 1896. First Class in Modern History Class List, University of Oxford.
 1897. Second Class in School of Jurisprudence, University of Oxford.
- ARMSTRONG, FREDERICK W., B.A. R.U.I. (1896-97).
 1897. Exhibition in Classics of £50 at Entrance Scholarship Examination, St. John's College, Cambridge.
 1902. Naden Divinity Studentship, St. John's College, Cambridge.
 1903. Second Class in Theological Tripos, Part II., University of Cambridge.
- EVERETT, ALEXANDER FRASER (1896-97).
 1899. Exhibition in History, New College, Oxford, £50 per annum during residence.
- STEWART-WALLACE, JOHN S. (1894-95).
 1899. First Class, Final Honour School of Jurisprudence, University of Oxford.
 1900. Vinerian Law Scholarship, £80 per annum for three years, University of Oxford.
- ARNOLD, JOHN CORRY (1899-1900).
 1900. Entrance Exhibition, St. John's College, Cambridge.
 1903. Second Class in Classical Tripos, Part I., University of Cambridge.
- LEATHAM, GEORGE (1900-1901).
 1900. Entrance Scholarship, St. John's College, Cambridge.
- JOHNSTON, JOHN (1900-1901).
 1901. Scholarship of £80 per annum for four years, Merton College, Oxford.
 1902. Goldsmith Exhibition, University of Oxford.
 1903. Second Class in Classical Moderations, University of Oxford.
- STEWART, HERBERT LESLIE (1900-1901).
 1901. Scholarship of £80 per annum for four years, Lincoln College, Oxford.
 1902. Goldsmith Exhibition, £50 per annum for three years, University of Oxford.
 1903. Second Class in Classical Moderations, University of Oxford.
- ALEXANDER, CONNET. WILLIAM LONG (1900-1901).
 1901. Bowen Scholarship in Engineering, University of Birmingham.
- MORTON, JOHN GEORGE (1899-1900).
 1903. Second Class in Theological Tripos, Part I., University of Cambridge.
- RIDDELL, JAMES RIDDELL (1902-1903).
 1902. Sizarship, Trinity College, Cambridge.

TABLE XI.—BENEFACTORS of QUEEN'S COLLEGE, BELFAST,
since its Foundation in 1845.

Anno.

1847. Presented by Charles Davis, Esq., a large oil painting of the Assassination of Peter the Martyr, by Atkins, being a copy of the original painting by Titian.
- Presented by Professor Craik, a portrait of Confucius.
1851. The Governors of the Armagh Observatory, with the sanction of Her Majesty, transferred to the College the Transit Instrument and Astronomical Clock which were formerly in the Observatory at Kew.
- The Lords of the Admiralty, on the recommendation of the Astronomer Royal of England, acceded to an application from Professor Wilson for transferring to the College a Mural Circle by Jones, which had been in use at the Cape of Good Hope.
1854. Presented by W. P. Wilson, Esq., M.A., former Professor of Mathematics in the College, a Bust of Sir Isaac Newton.
1855. Presented by Robert Lynn, Esq., London, an oil portrait of James the First of England when a child, an oil portrait of James Carolus, and an oil portrait of John Milton.
1860. An Oil Portrait of Hugh Carlisle, M.D., former Professor of Anatomy and Physiology in the College; presented by the subscribers.
1864. Given by R. M. Wilson, Esq., an Exhibition of Twenty Pounds to be conferred annually upon one or more of the most deserving unsuccessful candidates for a Scholarship of the First Year.
- This Exhibition was awarded for eleven years.
1864. Given by the Royal Academical Institution, Belfast, two Exhibitions of Five Pounds each, to be conferred annually upon students from that Institution who obtain the highest places in the Literary and Science Divisions, at the Examination for Scholarships of the First Year.
1866. Given by John Charters, Esq., an Exhibition, value Fifteen Pounds, and two Exhibitions, value Ten Pounds each, in the Literary Division of the Faculty of Arts; also one Exhibition, value Fifteen Pounds, and two, value Ten Pounds each, in the Science Division of the Faculty of Arts, to be called the "Charters' Exhibitions," and to be annually awarded during ten years, at the Examinations for the Literary and Scientific Scholarships of the first year, to students who, during at least one year previous to their entrance into college, were in continuous attendance at the Royal Academical Institution, and who attain the standard of excellence required at the Junior Scholarship Examinations. Also, an Exhibition, value Fifty Pounds, tenable for one year, to be called the "Charters' Medical Exhibition," to be annually awarded during ten years, in connexion with the Belfast School of Medicine, by the Trustees of the "Charters' Educational Fund."
- An Oil Portrait of William Burden, M.D., former Professor of Midwifery in the College; presented by the subscribers.
1868. Bequeathed by Robert Sullivan, Esq., LL.D., Barrister-at-Law, the sum of Four Thousand Pounds for the endowment of Three Scholarships in Queen's College, Belfast, to be called the Sullivan Scholarships, two of them to be restricted to candidates who shall have acted as Teachers or Assistant Teachers in Irish National Schools for at least two years, and one of them to candidates who shall have been educated in the Royal Academical Institution, Belfast, for at least three years.
- These Scholarships are of the annual value of Forty Pounds each and are tenable for three years.

Ann.

1869. Given by William Coates, Esq., a prize, value Thirty Pounds, to be called "The Coates Prize," and to be awarded in the Department of Engineering.

This prize was awarded for four years.

1869. A Bust of the Rev. P. Shulldham Henry, D.D., late President of the College, by S. F. Lynn, sculptor, presented by the Professors and other subscribers.

1871. A Bust of George Lillie Craik, LL.D., former Professor of History and English Literature, by Shakspeare Wood, sculptor.

1871. An Oil Portrait of George Lillie Craik, LL.D., former Professor of History and English Literature in the College, and also a photograph group of some of the Professors; presented by Messrs. Marcus Ward & Co.

1871. Bequeathed by John Porter, Esq., the sum of Three Thousand One Hundred and Ten Pounds Eight Shillings and Four Pence for the endowment of Two Scholarships in Queen's College, Belfast, to be called "The Porter Scholarships." These scholarships are of the annual value of Fifty Pounds each, and are tenable for two years.

1873. A deed was executed by William Dunville, Esq., establishing the "Sorolla Trust." This deed, which also provides funds for other educational purposes not connected with the College, endows two Studentships in Queen's College, Belfast, to be called "The Dunville Studentships." They are awarded, in alternate years, one, for the encouragement of the study of Mathematical and Physical Science, the other, for the encouragement of the study of Natural Sciences. Each person obtaining a Studentship receives £45 for the first year, and £100 for the second year.

1873. Given by the Widow and Children of the late John Robinson M'Clean, Esq., Civil Engineer, London, through the hands of the Rev. P. S. Henry, D.D., President, the sum of Five Hundred Pounds, to be expended in the purchase of Scientific works for the Library of Queen's College, Belfast.

1874. Given by the Methodist College, Belfast, one Exhibition, value Ten Pounds, to be awarded annually to the highest answerer among students from the Methodist College who obtain Literary Scholarships of the first year in Queen's College, Belfast; and another Exhibition, also value Ten Pounds, to the highest answerer among students from the Methodist College, who obtain Science Scholarships of the First Year in the same College.

1876. Given by the Reverend Arthur Hercules Pakenham, for the endowment of two Scholarships in Queen's College, Belfast, one to be called the "Sir Hercules Pakenham Scholarship," and the other the "Emily Lady Pakenham Scholarship," the sum of One Thousand Pounds, invested in five bonds of £100 each of the Moscow Jaroslaw Railway Company, and five bonds of £100 each of the Charkoff Azov Railway Company.

1877. Given by an anonymous donor, Ten Pounds, to provide for an Entrance Prize of Five Pounds, to be awarded for proficiency in French.

This prize was awarded for two years.

1878. An Oil Portrait of Alexander Gordon, M.D., former Professor of Surgery in the College, painted by Richard Hooke; presented by the subscribers.

1880. The subscribers to a testimonial given to Dr. MacDouall on his retirement from the Professorship of Greek, presented to the College, in addition to a portrait of Dr. MacDouall by Richard Hooke, now placed in the Examination Hall, a collection of Classical and Oriental Works of the value of £275, selected from the library of Dr. MacDouall, to form the nucleus of a department of the Library to be called "The MacDouall Library."

Anno.

1881. The sum of One Thousand Seven Hundred and Ninety-two Pounds Seven Shillings was raised by public subscription, for the establishment of a Scholarship to commemorate the distinguished services, rendered to this College and to Chemical Science, by Dr. Thomas Andrews, F.R.S., the late Vice-President.

At the same time a full-length Oil Portrait of Dr. Andrews, painted for the College by Richard Hooke, was placed in the Examination Hall.

1882. The sum of Eight Hundred and Seventy-five Pounds Six Shillings, in New Three per Cent. Government Stock, being a portion of the bequest of the late Lord Blayney, was transferred to this College by the Queen's University in Ireland. The "Blayney Exhibition" was founded therewith.
1882. An Oil Portrait of William Nesbitt, M.A., former Professor of Latin in the College, painted by Richard Hooke; presented by the Subscribers.
1889. Bequeathed by John McKane, Esq., LL.D., Barrister-at-Law, former Professor of English Law in the College, a Gold Medal to be awarded annually for answering in Jurisprudence and Political Economy.
1889. An Oil Portrait of the Rev. J. Leslie Porter, D.D., LL.D., late President of the College, painted by Richard Hooke; presented by the President and Professors.
1890. An Oil Portrait of John Purser, LL.D., Professor of Mathematics in the College, painted by Miss Sarah Purser; presented by his former students.
1891. Given by Her Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, and limited to those branches of Science (such as Physics, Mechanics, and Chemistry), the extension of which is specially important for our national industries.
1893. Given by Her Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, as above.
1893. Founded by the Trustees of the Sorella Trust the "Dunville Chair of Physiology."
1894. An Oil Portrait of Peter Redfern, M.D., Professor of Anatomy and Physiology, 1860-93, painted for the College by Ernest E. Taylor; presented by the Subscribers.
1894. Subscribed, and raised by a Fanev Fair, about £8,000 for the erection of a College Union.
1895. Given by Her Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, as above.
1895. An Oil Painting of James MacAdam, Esq., the first Librarian of the College, presented by Miss MacAdam, through R. M. Young, Esq., B.A., J.P.
1896. Given by the Trustees of the Sorella Trust the sum of £100 for the purchase of apparatus for the department of Physiology.
1897. Given by Her Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, as above.

1897. An Oil Portrait of the Rev. George Hill, Librarian of the College, 1850-1880, painted for the College by Harry Douglas; presented by the Subscribers, and unveiled by Mrs. W. J. Pirrie, Ormiston.
1897. An Oil Portrait of Sir William MacCormac, Bart., M.D., President of the Royal College of Surgeons, England; painted for the College by Harris Brown; presented by the Subscribers, and unveiled by the Marquess of Dufferin and Ava.
1897. An Oil Portrait of John Stevelly, LL.D., Professor of Natural Philosophy, 1849-1867; presented by his son, Robert Sankey Stevelly, B.A.
1898. Given by Two Friends, to assist in the Establishment of a Museum of Sanitary Science, £20.
1898. An Oil Portrait of Joseph David Everett, M.A., D.C.L., F.R.S., Professor of Natural Philosophy, 1867-1896, painted for the College by Symonds; presented by the Subscribers.
1899. Given by Her Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, as above.
1899. Given by Two Friends, to assist in general equipment of the College, £20.
1900. Given by Two Friends, to assist in general equipment of the College, £20.
1900. Presented by Miss Mary K. Andrews, Sixty copies of *The Scientific Papers* of the late Thomas Andrews, M.D., F.R.S.
1900. An Oil Portrait of James Cuming, M.A., M.D., F.R.C.P.L., Professor of Medicine, 1863-1899, painted for the College by Harry Douglas; presented by the Subscribers, and unveiled by Mrs. W. J. Pirrie, Ormiston.
1901. Given by His Majesty's Commissioners of the Exhibition of 1851 the nomination to a Scholarship of the value of £150 per annum, tenable for two, or, under special conditions, for three years, as above.
1901. An Oil Portrait of John Frederick Hodges, M.D., L.A.H., L.F.S., F.C.S., F.R.S., Professor of Agriculture, 1849-1899, painted for the College by Thomas Hill, London; presented by the Subscribers, and unveiled by the Marquess of Londonderry.
1901. An Oil Portrait of Robert Burns, by Wm. Dobie, presented by his great-grand-daughter, Mrs. Burns Thomas, Martinstown, Killinick, Co. Wexford.
1901. Founded by Sir James Musgrave, Bart., D.L., "The Musgrave Chair of Pathology."
1901. Sundry Contributions to the "Fund for the better equipment of Queen's College, Belfast." For list, see page 88.
1902. Silver Medal of the late Marquess of Dufferin and Ava, presented by the Dowager Marchioness of Dufferin and Ava.
1902. An Oil Portrait of Samuel James MacMullan, M.A., Professor of History and English Literature 1892-1900, by H. M. Paget; presented by the Subscribers, and unveiled by Mr. Serjeant Dodd.
1903. Given by His Majesty's Commissioners for the Exhibition of 1851 the nomination to a Scholarship of the value of 150 per annum, tenable for two, or, under special conditions, for three years, as above.
1903. "The Mitchell Organ," erected in the Examination Hall by the family of the late W. C. Mitchell, Esq., J.R., Belfast, in his memory.

DONATIONS to the LIBRARY, 1902-1903.

Donations.	Presented.
James, W., <i>The Varieties of Religious Experience.</i>	By the Senatus Academicus, Edinburgh.
Anderson, John, <i>Catalogue of Early Belfast Printed Books, 1694-1830.</i>	By the Compiler.
Students' Handbook to the University of Cambridge.	By the Syndics of the University Press.
Transactions of the Royal Academy of Medicine in Ireland, Vol. XX.	By the Secretary of the Academy.
Smith, Samuel, M.R., <i>My Life-work.</i>	By the Author.
Report on Collections of Natural History in Arctic Regions during the Voyage of the "Southern Cross."	By the Trustees of the British Museum.
Subject Index of the Modern Books added to the Library of the British Museum, 1881-1900. Edited by G. K. Fortescue, Vol. I., A—E.	Do.
Annals of the Kings of Assyria. The cuneiform Texts, with Translations, etc., from the Original Documents in the British Museum. Edited by Bridge and King.	Do.
Report of the United States Commissioners of Education, 2 vols.	By U. S. Government.
The Papyrus of Nas-Khein.	By Command of His Majesty the King.
Reynolds, Osborne, <i>The Sub-Mechanics of the Universe.</i>	
Report of the Librarian of the Library of Congress.	By Librarian.
Library of Congress, <i>List of References on Reciprocity.</i>	Do.
Publications of the Washburn Observatory of the University of Wisconsin, Vol. XI.	
Annali della Regia Scuola Superiore di Agricoltura di Portici, Vol. XIV.	
Commonwealth of Australia, <i>Parliamentary Debates, 1901-2.</i>	
Geological Survey of Ireland, Sheet 112 (Dublin).	By Survey Office.
Palestine Exploration Fund; Plans, etc.	By Committee of Fund.
" " Map of Palestine	By Sir W. Q. Ewart, Bart.
The Twenty-fifth Anniversary of the John Hopkins University.	By University.
Pamphlets, principally Physiological and Biological.	By the President of Q.C.B.

Donations.	Presented.
Elliston, T., Organs and Tuning.	By Alexander Morrison, Esq.
Wagner, R., Beethoven.	Do.
Berlioz, The Life and Letters of, 2 vols.	Do.
A Collection of Musical Scores.	By Mrs. George Wheeler.
A large number of Works on Music and of Musical Scores, including Bunting's Collection of Irish Music.	By Hugh Hyndman, Esq., LL.D.

The following have continued to present their publications :—

The Royal Irish Academy.
 The Royal Academy of Medicine in Ireland.
 The Government of India:
 " " China (Customs).
 " " Canada (Geological Survey).
 The Royal Society of Canada.
 The Norwegian North Pole Expedition.
 The Royal Meteorological Institute of Norway.
 The Department of Agriculture of the U. S. A.
 The Cambridge Philosophical Society.
 The Institute of Civil Engineers.
 The Institute of Mechanical Engineers.
 The South Kensington Museum.
 The Smithsonian Institution.
 The Bureau of Education, Washington.
 The Bureau of Ethnology, Washington.
 The Middlesex Hospital.
 The Local Government Board.
 The Pathological Society.
 The Clinical Society.

The following Universities and Colleges have presented their Calendars :—

The University of Edinburgh.
 " " Glasgow.
 " " Aberdeen.
 " " St. Andrews.
 " " Durham.
 " " Birmingham.
 " " Wales.
 The University College of Wales.
 " " South Wales and Monmouthshire.
 " " Bristol.

The Victoria University, England.
 The Victoria University, Canada.
 The University of Melbourne.
 " " Sydney.
 " " Princeton.
 The University College of North Wales.
 Owens College, Manchester.
 University College, Nottingham.
 University College, Dundee.
 Queen's College, Cork.
 Queen's College, Galway.
 University College, Liverpool.
 King's College, London.
 The Medical School of the University of Toronto.
 Università di Padova.

By purchase, and other donations besides those mentioned before, there were added to the Library during the past year :—

368 Volumes, 129 Parts, and 39 Pamphlets.

The number of Scientific Periodicals has largely increased, and there were added during the year :—

Of English Periodicals (73),	.	.	.	97 Volumes.
Of Foreign Periodicals (82),	.	.	.	119 Volumes.
Total,	.	.	.	216 Volumes.

The sum total of additions, therefore, stands as follows :—

Presentations and Purchases,	.	.	368 Vols., 129 Parts, 39 Pamphlets.
Periodicals,	.	.	216 Volumes.
			<hr/> 584 Vols., 129 Parts, 39 Pamphlets.

DONATIONS TO THE NATURAL HISTORY MUSEUM.

A considerable number of donations have been received from friends, among which the following may be mentioned :—

Bear and Fox, presented by David Walker, esq., M.D., a former student of the College.

Collection of Shells presented by Mrs. M'Gee, widow of the late Dr. M'Ger.

Casts and specimens of extinct animals, presented by the Earl of Enniskillen.

Five very rare Birds from Yarkand, presented by Dr. Scally, Indian Medical Service.

Collections of Japanese Birds, prepared and presented by Dr. S. Campbell, Fleet Surgeon, R.N.

Collections of Animals, chiefly Marine, from the East Coast of Africa and Zulu Archipelago, presented by Lieut. Dixon, R.N.

Miscellaneous specimens, presented by Staff-Surgeon W. Anderson, R.N., a former student of the College.

Large collection of Indian birds, some of considerable rarity, presented on various occasions by Dr. Cunningham, Professor of Physiology, Medical College, Calcutta.

Specimens of North American birds and Irish fishes, presented by G. D. Ogilby, esq., a student of the College.

Collection of Animals and Minerals from Australia, presented by Edward Leslie Pooler, esq., M.D., a former student of the College.

Collection of Animals from the New Hebrides, &c., presented by James Dunlop, esq., M.D., Surgeon R.N., a former student of the College.

Collection of Animals from Sumatra, presented by John B. Graham, esq., M.D., a former student of the College.

Collection of Birds from the Himalayas, presented by Alexander Porter, esq., M.D., Brigade Surgeon, H.M. Indian Army, a former student of the College.

Collection of Reptiles from South Australia, presented by Edward Leslie Pooler, esq., M.D., a former student of the College.

Very fine specimen of *Goliathus Diuryi* from West Africa, presented by R. J. McKeown, esq., M.D., a former student of the College.

Two fine specimens of the remarkable New Zealand lizard, *Sphenodon*, presented by James Young, esq., M.D., New Zealand, a former student of the College.

A fine specimen of *Manis longicaudata*, and a queen Termite or White Ant, presented by Captain R. A. I. Irvine.

A collection of dried plants and other objects from Ulster, presented by Hugh Hyndman, esq., LL.D., a former student of the College.

A fine skull of Hippopotamus, presented by George Gray, esq., M.D., J.P., Newcastle, co. Down, a former student of the College.

A collection of Botanical specimens, presented by Henry Hanna, esq., M.A., &c., Demonstrator of Botany and Palaeontology, Royal College of Science, Dublin.

A curious small Shark (*Euprotomiscus Labordii*), obtained by Captain Patey, of the ship "Mawhan," and presented to the Museum through the medium of Mr. Adam T. Barkley, Belfast.

A collection of Carboniferous Fossils from Scotland, presented by Mr. John White Shaw, B.A.

Sections of Tree-Fern Stems and Specimens of Nests, presented by W. Wylie, esq., Bursar.

Specimens of Dragon Lizards (*Draco*), presented by Dr. J. H. Lowry, China.

Specimen of a New Zealand Grebe (*Podiceps rufpectus*), presented by Dr. James Young, Invercargill, New Zealand.

DONATIONS TO THE MEDICAL MUSEUMS.

A beautiful series of microscopical preparations, showing the texture of many organs of the body, was presented by Dr. Thiersch, of Leipzig, to Dr. Redfern, Professor of Anatomy, and by him generously handed over to the College.

A series of 50 slides, containing embryological sections prepared under his personal superintendence, was presented by Professor Kölliker to Dr. Redfern, and by him to the College.

A fine collection of over 200 Vesical Calculi removed by surgical operation in India by Surgeon-Major J. A. Cunningham, Indian Medical Service, a former student of the College, and presented by him.

A very large collection of specimens, formerly in Minto House, Edinburgh, presented by Professor Symington.

Various specimens presented by Professor Symington, M.D.; Professor Byers, M.D.; Professor Sinclair, M.D.; Dr. J. Lorrain Smith, Dr. G. St. George, Dr. H. R. Irwin, and Dr. W. M. Elliott.

Two specimens of Madura Foot, presented by Lieut-Col. Adams.

Specimens of Distoma Crassum, presented by Dr. Close.

A collection of Urinary Calculi, presented by Dr. Henry O'Neill.

Specimens of Tropical Diseases, presented by Dr. James Moorhead.

A collection of Bones, Flint Instruments, Pottery, &c., collected at Dundrum Bay, presented by W. H. Patterson, Esq., M.R.I.A.

SUBSCRIPTIONS to FUND for BETTER EQUIPMENT of QUEEN'S COLLEGE, BELFAST,

Up to 1st July, 1903.

	£	s.	d.
Right Hon. W. J. Pirrie, LL.D., D.L. :—A Laboratory of Physics and Engineering.			
Family of the late W. C. Mitchell, J.P. :—An Organ for Examination Hall.			
Sir James Musgrave, Bart., D.L.,	5,000	0	0
The President,	250	0	0
"Pat Semour,"	100	0	0
Robt. Dods, J.P.,	50	0	0
John Finnegan, B.Sc.	10	0	0
Sir Otto Jaffe, J.P.,	500	0	0
J. R. Fisher, B.A.,	25	0	0
D. G. Barkley, LL.D.,	200	0	0
Professor Redfern, M.D.,	500	0	0
" Letts, D.Sc.,	100	0	0
" Morton, M.A.,	100	0	0
" Thompson, M.D.,	100	0	0
" Symington, M.D., F.R.S.,	100	0	0
" Sir William Whitla, M.D.,	100	0	0
" Lindsay, M.D.,	100	0	0
" J. Lorrain Smith, M.D.,	100	0	0

SUBSCRIPTIONS to FUND for BETTER EQUIPMENT of QUEEN'S
COLLEGE, BELFAST—continued.

	£	s.	d.
Henry O'Neill, M.D.,	100	0	0
Dr. Kelley Patterson,	5	0	0
John Tennant, M.D.,	25	0	0
John M'Connell, J.P.,	1,000	0	0
Young and Mackenzie,	25	0	0
The Marquess of Londonderry, K.G.,	50	0	0
Charles C. Craig,	10	0	0
Judge Shaw, K.C.,	25	0	0
H. L. M'Kisack, M.D.,	10	0	0
R. Kyle Knox, LL.D.,	25	0	0
The Dean of Connor,	5	0	0
Hermann Boas, ...	25	0	0
Lieut.-Col. Moorhead, M.D.,	10	0	0
Wm. Crawford, ...	100	0	0
H. M'Neile M'Cormick,	10	0	0
Rev. A. J. C. Allen, M.A.,	5	0	0
Joseph Larmor, SEC. R.S.,	21	0	0
Joseph Cuthbert, J.P.,	50	0	0
Sir W. MacCormac, Bart.,	5	0	0
J. J. Redfern, M.D.,	10	10	0
S. C. Davidson, ...	20	0	0
Prof. Robinson, M.E.,	10	0	0
Lord Dunleath, ...	50	0	0
Prof. Baxter, LL.B.,	25	0	0
Basil M'Cren, ...	100	0	0
Prof. Park, D. LIT.,	15	0	0
Robt. Thompson, J.P.,	50	0	0
Wm. Graham, M.D.,	10	10	0
T. Houston, M.D.,	5	0	0
The Lord Bishop of Down,	5	0	0
W. G. Aston, D. LIT.,	5	0	0
T. C. Dickie, B.A.,	5	0	0
Hugh Hyndman, LL.D.,	50	0	0
W. A. Chapman, ...	5	0	0
R. J. M'Mordie, M.A.,	500	0	0
Prof. FitzGerald, B.A.,	75	0	0
Prof. Purser, LL.D.,	250	0	0
Adam Duffin, LL.D.,	10	0	0
Cecil E. Shaw, M.D.,	5	5	0
J. Taylor Blackwood, J.P.,	50	0	0
John Jaffe, J.P., ...	1,000	0	0
Prof. Dill, LITT. D.,	50	0	0
Prof. Cunningham, M.D.,	10	0	0
M'Langhlin and Harvey,	10	0	0
Samuel Young, M.P.,	25	0	0
Edward Coey, J.P.,	10	0	0
Wm. Calwell, M.D.,	5	0	0

SUBSCRIPTIONS to FUND for BETTER EQUIPMENT of QUEEN'S
COLLEGE, BELFAST—*continued.*

					£	s.	d.
R. A. McCall, B.C.,	...	...	...	...	26	5	0
James Wilson, M.E.,	...	...	...	...	50	0	0
G. Herbert Brown, J.P.,	...	...	...	...	20	0	0
Colonel Bevington, J.P.,	...	...	...	...	10	0	0
R. W. Corry, J.P.,	...	...	...	...	50	0	0
Edwin Hughes, J.P.,	...	...	...	...	25	0	0
D. Allen and Sons, Ltd.,	...	...	...	...	100	0	0
Miss Holy,	...	...	...	...	10	0	0
James Barbour, J.P.,	...	...	...	...	50	0	0
James Inglis, J.P.,	...	...	...	...	25	0	0
Right Hon. Sir Daniel Dixon, B.L.,	...	...	...	...	100	0	0
"	"	"	£10	per annum for			
12 years for Playing Field.							
C. W. Dunbar Buller, B.L.,	...	...	...	...	25	0	0
Professor F. S. Boas, M.A.,	...	...	...	...	25	0	0
James Colville, M.D.,	...	...	...	...	5	5	0
W. F. C. S. Corry,	...	...	...	...	10	0	0
T. C. Houston, LL.B.,	...	...	...	...	5	5	0
James Moore,	...	...	...	...	5	0	0
Adam Speers, B.Sc.,	...	...	...	...	10	0	0
R. D. Megaw, M.A., LL.B.,	...	...	...	...	10	0	0
Professor W. M'F. Orr, M.A.,	...	...	...	...	2	0	0
J. G. Leatham, M.A.,	...	...	...	...	1	1	0
R. K. M'Elderry, M.A.,	...	...	...	...	3	0	0
Professor Macloskie, M.A., D.Sc.,	...	...	...	...	10	0	0
Dr. J. MacCormac,	...	...	...	...	2	0	0
Miss K. Carleton,	...	...	...	...	5	5	0
Joseph Reid,	...	...	...	...	25	0	0
George Leatham,	...	...	...	...	0	10	0
R. T. Martin, B.A.,	...	...	...	...	5	0	0
Frederick Purser, M.A.,	...	...	...	...	20	0	0
Students of the College,	...	...	...	...	100	0	0

TABLE XII.—List of the Publications and Translations of the Catalogue, showing their length of Service, their Salaries, and their Residences from 1868 to 1891.

		Appointed.	Salary.	When Service terminated (to 1891).	Total.
Physicists.					
Greek.	Samuel Dale, M.D., F.R.S., &c.	27 February, 1868.	£ 212 0 0	27 0 0	2890 0 0
Latin.	Thomas Wilson Douglas, M.D., F.R.S.	7 January, 1869.	209 0 0	113 0 0	420 0 0
Mathematics.	Alfred Gordon Brown, M.D., M.A., F.R.S.	26 November, 1868.	212 0 0	84 0 0	496 0 0
Natural Philosophy.	William West Martin, M.D., F.R.S.	26 March, 1869.	202 0 0	109 0 0	520 0 0
History and English Literature.	Frederick K. Rogers, M.A., F.R.S.	4 April, 1869.	202 0 0	144 0 0	846 0 0
Logic and Metaphysics.	John Peck, M.A., F.R.S.	1 October, 1868.	202 0 0	79 0 0	709 0 0
Chemistry.	Edward Albert Latta, F.R.S., F.R.S.E., F.R.S.	4 December, 1870.	200 0 0	216 0 0	620 0 0
	Robert D. Cunningham, M.A., F.R.S., F.R.S.E., F.R.S.	2 April, 1871.	141 0 0	47 0 0	188 0 0
General Science.	George Wilson, M.A., F.R.S., F.R.S.E., F.R.S.	25 September, 1868.	20 18 0	22 0 0	182 18 0
Modern Languages.	Robert Lupton Maitland, F.R.S.	4 August, 1869.	190 0 0	12 12 0	210 12 0
Antiquarian and Political Economy.	William Geddes, M.A.	18 June, 1869.	180 0 0	21 0 0	141 0 0
English Law.	James Frederick Baines, M.A.	2 December, 1868.	180 0 0	9 0 0	159 0 0
Arithmetic.	Johnson Springston, M.A., F.R.S., F.R.S.E., F.R.S.	16 October, 1869.	180 0 0	470 0 0	650 0 0
Physiology.					
Physiology.	William Henry Thompson, M.A., F.R.S., Reg.	18 October, 1869.	250 18 0	—	250 18 0
	Thomas Hugh Wilson, M.A., M.D., F.R.S.	6 September, 1869.	250 18 18	226 18 0	476 18 18
Botany.	James Alexander Lindsay, M.A., M.D., F.R.S.E., (London).	7 November, 1869.	180 0 0	72 0 0	252 0 0
Geology.	Thomas Norton, M.A., F.R.S., F.R.S.E., Reg.	1 November, 1869.	120 0 0	200 0 0	320 0 0
Mineralogy.	Ed. Wilson, M.A., M.D.	12 October, 1869.	120 0 0	26 0 0	246 0 0
Mineralogy.	John William Hunt, M.A., M.D., F.R.S.	26 September, 1869.	120 0 0	50 0 0	240 0 0
Pathology.	James Everett Smith, M.A., M.D.	20 October, 1869.	120 0 0	200 0 0	320 0 0
Civil Engineering.	Maxwell Frederick MacGillivray, M.A., Assoc. Eng'g.	29 November, 1869.	250 0 0	42 11 0	292 11 0
Others.					
English.	Johnson Springston, M.A.	26 November, 1869.	70 0 0	—	70 0 0
French.	William Wylie.	26 November, 1869.	100 0 0	—	100 0 0
German.	Robert Lupton Maitland, M.A.	4 July, 1869.	70 0 0	—	70 0 0

* Joined 10 July, 1868.

† Joined 10th December, 1869.

‡ Joined 10th September, 1869.

§ The first was paid by the Printer and the "Times" and the second the University of Cambridge.

|| The first was paid by the University of Cambridge and the second by the "Times."

¶ The first was paid by the University of Cambridge and the second by the "Times."

TABLE XIII.—ACCOUNT OF THE RECEIPTS AND EXPENDITURE OF

RECEIPTS.		£ s d
Balance on 1st April, 1902, viz. :—		
General Account,	£900 1 8	
Library Deposits,	380 0 0	
Class Fees,	29 18 0	
Private Endowment Accounts,	238 18 4	
		1,608 18 0
Permanent Grant charged on the Consolidated Fund,	£7,000 0 0	
Less Income Tax,	299 8 6	
		6,700 16 4
Annual Parliamentary Grant in Aid of Expenses of Maintenance,		1,600 0 0
College Fees, viz. :—		
2½ at 10s.,	£177 0 0	
4 Matriculation Fees, at 10s.	2 0 0	
2 Fees for late entry for Scholarship,	0 10 0	
Calendars Sold,	0 8 0	
Fine,	0 2 6	
		180 8 6
Miscellaneous :—		
Dividends from Government Stock,	£12 0 0	
Interest from Bank,	31 1 3	
Proportion of Practical Pharmacy fees in aid of expenses of class : 36 at 10s.,	10 0 0	
Civil Service Commissioners for Expenses at Civil Service Examinations held in the College,	6 6 0	
Belfast Corporation for use of College Premises, &c., in connection with Bacteriological Investigations,	25 0 0	
Department of Agriculture and Technical Instruction— use of Laboratories for Summer Classes,	70 0 0	
Trustees of the Sorrell Trust, for Expenditure in the Physiology Department,	95 19 10	
		339 18 4
Dunville Chair of Physiology :—		
Private Endowment,	£187 12 9	
Less Income Tax,	8 7 0	
		179 4 9
Musgrave Chair of Pathology :—		
Private Endowment Dividends,	162 8 8	
Less Income Tax,	5 19 3	
		156 9 0
Professors' Class Fees,		2,385 8 0
Lecturers' Class Fees,		442 0 0
Library Deposits,		35 8 0
Private Endowment Scholarships :—		
Interest and Dividends,		593 12 11
		£12,786 16 6

THE COLLEGE IN THE YEAR ENDING 31st MARCH, 1903.

PAYMENTS

£ s. d.

Permanent Grant:—

Salaries of President, Professors, and

Officers,	£4,930 2 4
Less Income Tax,	297 17 2
	<u>£4,022 5 2</u>

Salaries of Minor Officers and Servants,	£490 0 0
Less Income Tax,	1 6 8
	<u>488 13 0</u>

Scholarships and Prizes,	1,232 8 6
	<u>6,353 7 6</u>

Expenditure under Annual Parliamentary Grant, College Fees, and Miscellaneous Receipts:—

Maintenance of Library and Museums, Departmental and General Expenses, viz.:—

Library:—

Ancient and Modern Languages,	£41 6 11
Mathematical and Physical Sciences,	68 18 8
Natural Sciences,	72 6 10
Engineering,	5 14 11
Medical Sciences,	87 17 4
Mental and Legal Sciences,	31 5 6
General Department,	69 4 4
Binding,	42 0 0
	<u>438 14 6</u>

Laboratories:—

Chemical Laboratory,	£104 17 2
Physical Cabinet,	50 4 2
Engineering,	8 8 2
Medical Faculty,	228 17 7
	<u>376 7 1</u>

Museums,	00 9 8
Printing, Stationery, and Advertising,	240 7 10
Heating and Lighting,	517 17 2
Botanic Garden and College Grounds,	123 9 2

Miscellaneous, viz.:—

Porters' Clothing,	£81 10 0
Water Supply,	49 16 11
Additional Salaries of Porters, including Salary of Librarian's Assistant, &c.,	127 10 4
Incidental Expenses,	230 10 0
	<u>449 16 3</u>

Dunville Chair of Physiology:—

Salary of Professor,	137 12 2
Less Income Tax,	8 7 0
	<u>129 5 2</u>

Masgrave Chair of Pathology:—

Salary of Professor,	162 8 3
Less Income Tax,	9 19 3
	<u>152 9 0</u>

Class Fees paid to Professors,

Class Fees paid to Lecturers,

Library Deposits,

Private Endowment Scholarships,

Equipment for Natural Philosophy and Medicine Departments,

Equipment of various Departments,

Expenses of Pathology Department,

Balance on 31st March, 1903, viz.:—

General Account,	£210 2 6
Library Deposits,	175 0 0
Private Endowment Accounts,	240 17 10
	<u>1,826 0 4</u>

£13,788 16 6